Canadian Pari-Mutuel Agency

Agence canadienne du pari mutuel

Schedule of Drugs 2011

Canada

Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada

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WARNING

The information on drug excretion rates does not constitute and is not a warranty, guarantee, assurance, undertaking or anything similar that the results of the use of any of the drugs in the manner set out will be as stated. Agriculture and Agri-Food Canada is not responsible for results differing in any way from the results stated herein.

Use of information in this booklet does not relieve or lessen any trainer's responsibility for assuring that, during a horse race, a horse is free from any drug listed in the Schedule to the *Pari-Mutuel Betting Supervision Regulations* and for complying with provisions of the Regulations and provincial racing rules.

Owners, trainers or any other person in charge or having care of a race horse are strongly advised to consult their own veterinarian for advice and guidance in the use of all drugs.

The guidelines in this booklet may not be consistent with foreign regulations and laboratory methods.

IMPORTANT
Each drug approved for sale in Canada is assigned a "Drug Identification Number" (D.I.N.), which is marked on the product label.
Veterinary drugs are marked "(For) Veterinary Use Only" or "(For) Agricultural Use Only" on the product label.
EXAMINE ALL PRODUCT LABELS CAREFULLY!

GENERAL NOTES

1. This booklet is provided for the information of veterinarians and horsemen. **The Schedule of Drugs is complete as of January 1, 2011.**

2. Amendments to the *Pari-Mutuel Betting Supervision Regulations* and the Schedule may be made at any time.

3. Detection and confirmation of any of the scheduled drugs, in an official sample, shall constitute a positive test in accordance with *Pari-Mutuel Betting Supervision Regulations*.

4. This edition replaces all previous editions.

http://www.agr.gc.ca/cpma (English)
http://www.agr.gc.ca/acpm (French)
1-800-268-8835 (English)
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Catalogue No. A22-147/2010 E-PDF
ISBN 978-1-100-52145-9

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INTRODUCTION

Agriculture and Agri-Food Canada, through the Drug Control Surveillance Program of the Canadian Pari-Mutuel Agency (CPMA), conducts research into equine drug administration, a program designed to aid the racing industry. The research involves standardbred mares stabled at the Agriculture and Agri-Food Canada Equine Drug Evaluation Centre. Analysis is conducted by the Official Racing Laboratories in Canada using methods employed for routine samples.

The charts, indicating the approximate length of time that some drugs can be detected in the blood and urine of horses, are one outcome of this research. The **approximate** nature of the data presented is stressed. Drug absorption and elimination are influenced by many factors, including the horse (age, sex, etc.), its environment (diet, training, etc.) and the drug (dosage, drug mixture, etc.). You should be aware that the dosage of the drug may vary with different preparations and manufacturers. Be sure to read the label of the product before use. Taking all factors into consideration, individual horses may have longer or shorter periods of elimination. You should consult with your veterinarian for advice and guidance in the administration of drugs to your horse.

The charts are intended as information only and do not, in any way, supersede or relieve responsibility for compliance with the *Pari-Mutuel Betting Supervision Regulations* and provincial racing rules. If you are not already, you should become familiar with these rules.

Agriculture and Agri-Food Canada and the Official Racing Laboratories assume no liability for positive tests which may occur as the result of drugs administered within quantity and time frames set out in this publication.

The following page describes typical information found on each of the pages describing a particular drug.

Generic (or Common) Drug Name
e.g. **LIDOCAINE**

Trade and Other Names
e.g. Octocaine, Lignocaine, Xylocaine, Duracaine, Lido

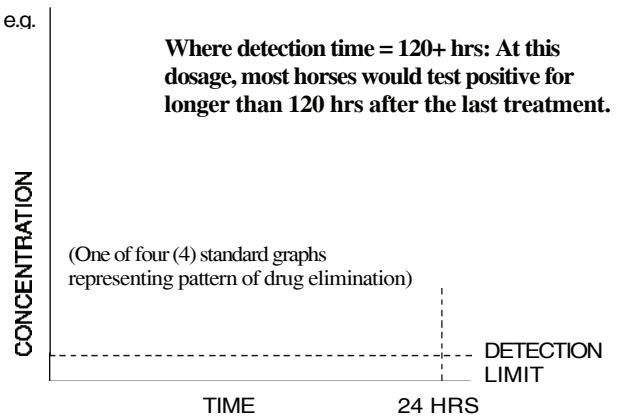
Type of Drug
e.g. Local Anesthetic (for definitions, see Glossary)

Route of Administration
e.g. Aeromask Inhaler (AER)
Infiltration (INFIL)
Intra-articular Injection (IA)
Intramuscular Injection (IM)
Intra-synovial Injection (ISY)
Intratracheal (IT)
Intravenous Injection (IV)
Nebulization (NEB)
Oral (PO)
Subcutaneous Injection (SC)
Topical (TOP)

Dosage Regimen

No. of horses (Standardbred mares)	Trade name of product administered	Dose e.g. 500 mg (milligrams) 1 g (1 gram = 1000 mg) 0.5 mg/kg (1 kilogram = 1000 g)

Detection Limit
(Sample time, after final dose, after which no drug or metabolite was detected using current methodology)



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

GLOSSARY – TYPE OF DRUG

Androgenic Anabolic Steroid:	A drug that possesses anabolic (musculature, size) and androgenic activity (masculinization, behavioural effects).
Analgesic:	A drug that relieves pain.
Anthelmintic:	An antiparasitic or worming agent.
Antibacterial:	A drug that destroys or prevents the growth of bacteria.
Anticholinergic: (anti-muscarinic)	A drug that antagonizes bronchospasm, reduces respiratory secretions and gastro-intestinal hypermotility.
Anti-congestive:	A drug that relieves nasal congestion.
Anticonvulsant:	A drug that prevents or relieves involuntary contraction of muscles.
Antidepressant:	A drug that relieves depression and has the ability to alter behaviour.
Antifibrinolytic:	A drug that inhibits the breakdown of fibrin which is important in the blood clotting mechanism.
Antihistamine:	A drug that relieves the symptoms of allergy. Many antihistaminic drugs have sedative side effects.
Antihypertensive:	A drug that acts against abnormally high blood pressure and emotional tension.
Anti-inflammatory:	A drug that relieves local swelling, redness and pain caused by an injury or infection.
Antipyretic:	A drug that reduces a fever.

GLOSSARY – TYPE OF DRUG (cont.)

Antitussive:	A cough remedy.
Bronchodilator:	A drug that expands the diameter of the bronchial tubes, permitting easier breathing.
Counterirritant:	An agent producing mild surface irritation of skin with the object of relieving deep-seated inflammation.
Diuretic:	A drug causing increased production and excretion of urine.
Expectorant:	A drug that promotes the clearing of phlegm from chest or lungs.
Gastric Acid Secretion Inhibitor:	A drug that inhibits gastric acid secretion and aids in ulcer therapy.
General Anesthetic:	A drug producing a lack of sensation and a level of sedation required for major surgery.
Hemostatic	A drug that aids in the prevention of hemorrhage
Histamine H_2 Receptor Antagonist:	A drug that inhibits gastric acid secretion, aids in peptic ulcer therapy.
Keratolytic:	An agent producing sloughing of the surface layers of skin.
Local Anesthetic:	A drug producing reduced sensations (e.g. touch, pain) in a restricted area of the body.
Mucolytic:	A drug that breaks down or liquefies mucus.
NSAID:	Non-steroidal anti-inflammatory drug.

GLOSSARY – TYPE OF DRUG (cont.)

Oxytocic:	A drug that acts to produce rhythmic contractions of the uterus.
Penetrant Carrier:	A substance that enhances the absorption of other drugs.
Respiratory Anti-allergic:	A drug that aids in control of allergic respiratory disease and cough, and reduces pulmonary hyperactivity.
Sedative:	A drug that produces a calming effect and reduces nervous excitement.
Skeletal Muscle Relaxant:	A drug that relaxes the muscles involved in locomotion.
Sympathomimetic:	A drug that mimics the actions of the sympathetic nervous system.
Synthetic Corticosteroid:	A drug producing an action similar to that of a steroid hormone of the adrenal cortex, but which is chemically distinguishable from natural hormones.
Tranquilizer:	A drug that relieves anxiety and other stress-related symptoms.
Vasodilator:	A drug that causes dilation of blood vessels.

ACEPROMAZINE

Trade and Other Names
Acetylpromazine, Acetazine, Atravet, Anatran, Aceprozine, Tranozine, Tranquavet

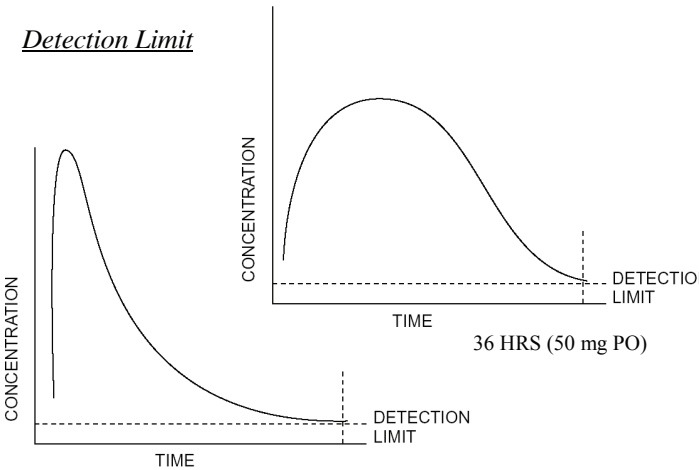
Type of Drug
Tranquilizer

Route of Administration
IM, IV, Oral

Dosage Regimen

6 horses	Atravet	10 mg	IM	(single administration)
6 horses	Atravet	25 mg	IM	(single administration)
8 horses	Atravet	25 mg	IV	(single administration)
4 horses	Atravet	10 mg	PO	(single administration)
8 horses	Atravet	50 mg	PO	(single administration)
6 horses	Atravet	10 mg	PO	(once daily, 3 days)

Detection Limit



36 HRS (50 mg PO)

36 HRS (IM, IV)
24 HRS (10 mg PO)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

ACETAMINOPHEN

Trade and Other Names
Paracetamol, Atasol, Tylenol, Exdol, Dolophen, Paraphen, Robigesic; others

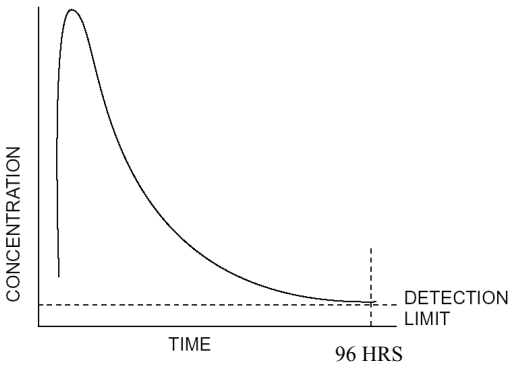
Type of Drug
Analgesic; Antipyretic

Route of Administration
Oral

Dosage Regimen

4 horses	Atasol	20 mg/kg	(single administration)
4 horses	Tylenol	10 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

AMINOCAPROIC ACID

Trade and Other Names
Amicar

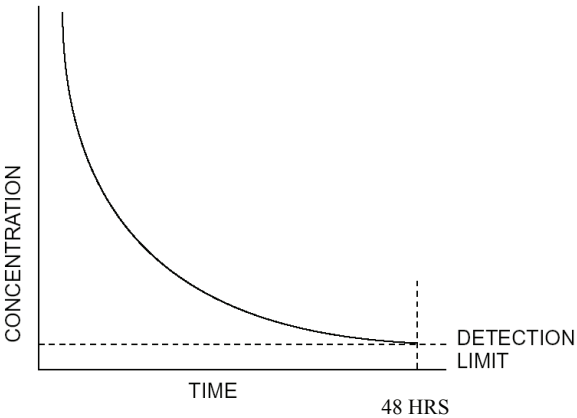
Type of Drug
Antifibrinolytic

Route of Administration
IV

Dosage Regimen

4 horses	Amicar	2.5 g	(single administration)
4 horses	Amicar	5.0 g	(single administration)

Detection Limit



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ATROPINE

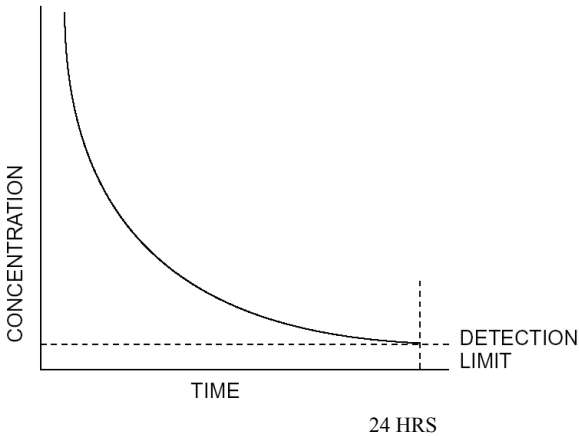
Trade and Other Names
Atropine Sulfate

Type of Drug
Anticholinergic

Route of Administration
IV

Dosage Regimen
4 horses Atropine sulfate 15 mg (single administration)

Detection Limit



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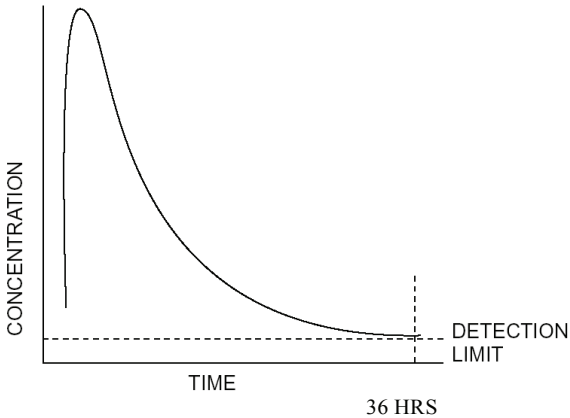
Trade and Other Names
Stresnil

Type of Drug
Tranquilizer

Route of Administration
IM

Dosage Regimen
8 horses Stresnil 40 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

BETAMETHASONE

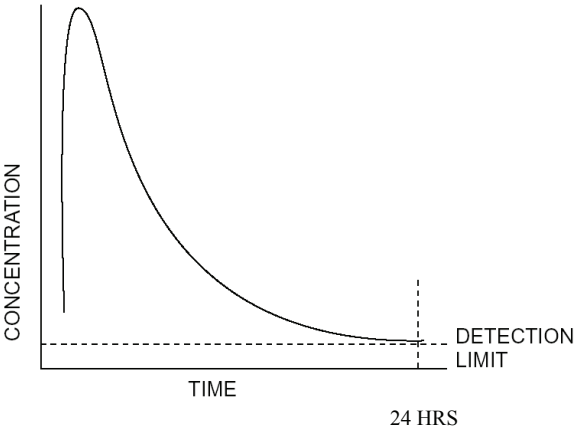
Trade and Other Names
Betasone

Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IM

Dosage Regimen
4 horses Betasone 35 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Equipoise

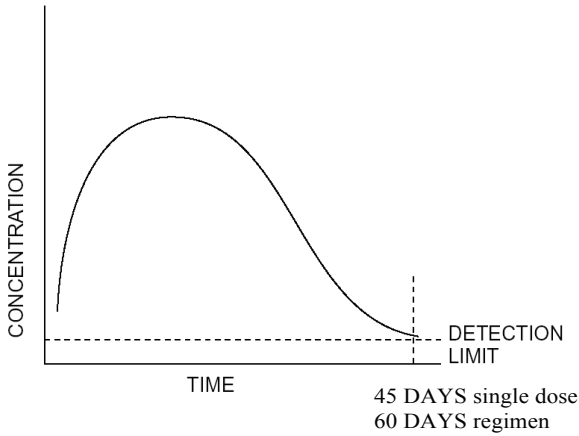
Type of Drug
Androgenic Anabolic Steroid

Route of Administration
IM

Dosage Regimen

4 horses	Equipoise	500 mg	(single administration)
4 horses	Equipoise	300 mg	(2 doses, 14 days apart)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

BUPIVACAINE

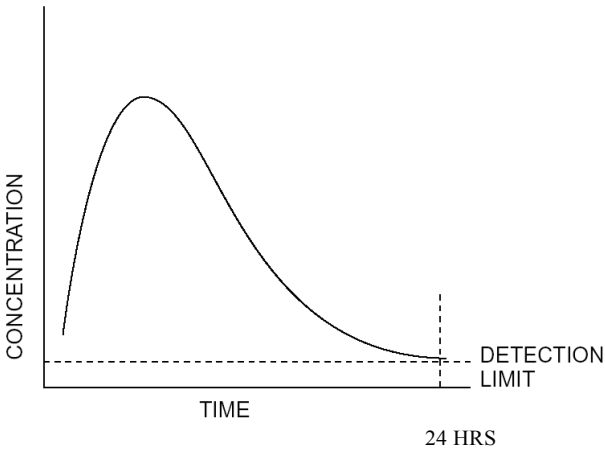
Trade and Other Names
Marcaine

Type of Drug
Local anesthetic

Route of Administration
IM

Dosage Regimen
8 horses Marcaine 50 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Torbugesic

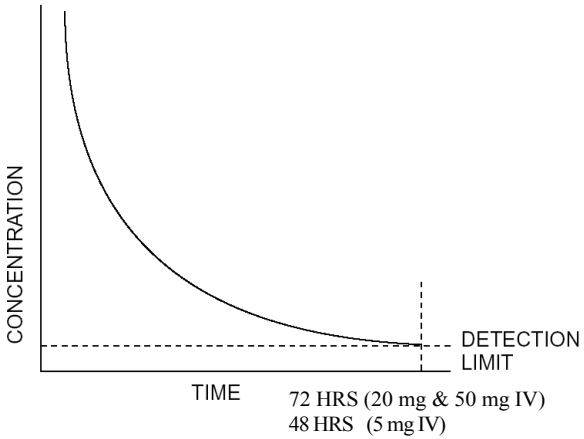
Type of Drug
Analgesic; Antitussive

Route of Administration
IV

Dosage Regimen

4 horses Torbugesic	5 mg	(single administration)
4 horses Torbugesic	20 mg	(single administration)
4 horses Torbugesic	50 mg	(single administration)

Detection Limit



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BUTYLHYOSCINE

Trade and Other Names
Buscopan

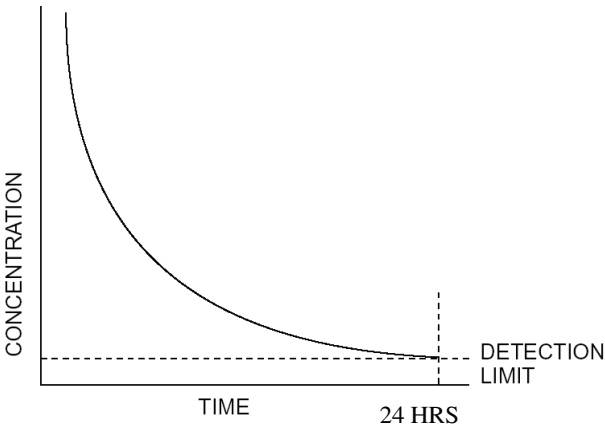
Type of Drug
Anticholinergic

Route of Administration
IV, PO

Dosage Regimen

4 horses	Buscopan	140 mg IV	(single administration)
4 horses	Buscopan	140 mg PO	(single administration)

Detection Limit



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Trade and Other Names
Kentucky Red

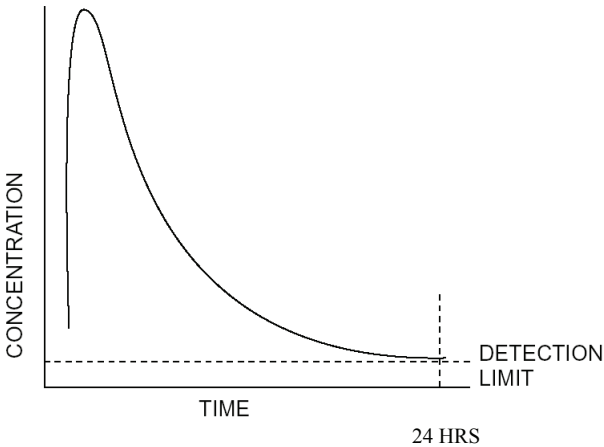
Type of Drug
Hemostatic

Route of Administration
IV

Dosage Regimen

4 horses	Kentucky Red	100 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

CARPROFEN

Trade and Other Names
Rimadyl

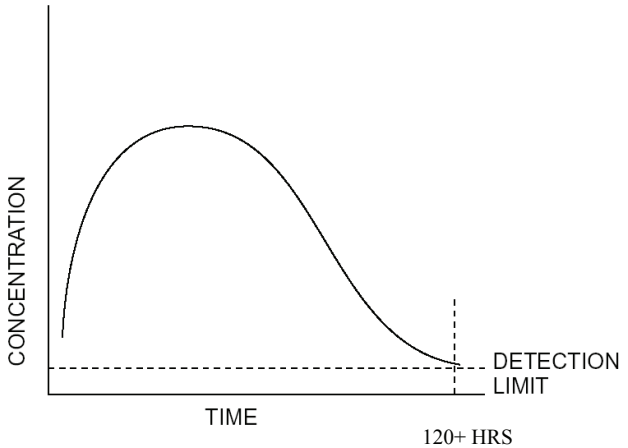
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Rimadyl	1 g	(twice daily, 5 days)

Detection Limit



At this dosage, most horses would test positive for longer than 120 hrs after the last treatment.

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

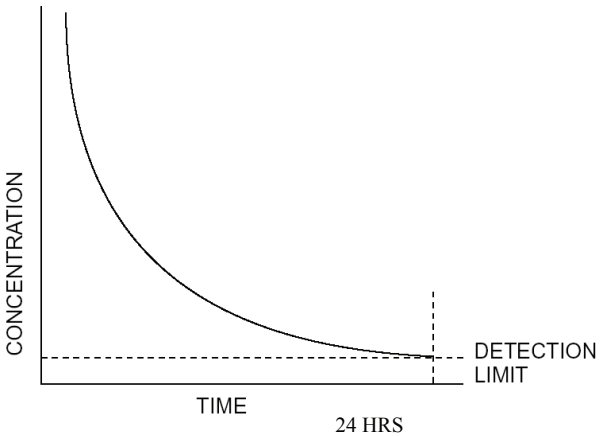
Trade and Other Names
Nesacaine

Type of Drug
Local Anesthetic

Route of Administration
Infiltration

Dosage Regimen
4 horses Nesacaine 80 mg (single administration)

Detection Limit



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CHLORPHENIRAMINE

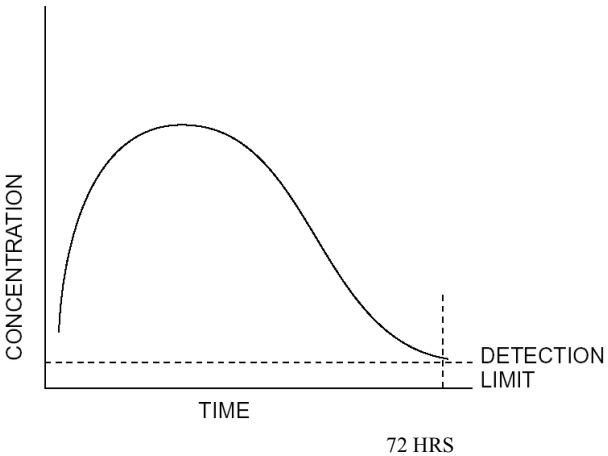
Trade and Other Names
Chlortripolon, Histalon, Novopheniram, Chlorophen, Inactihist

Type of Drug
Antihistamine

Route of Administration
IM

Dosage Regimen
8 horses Inactihist 75 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

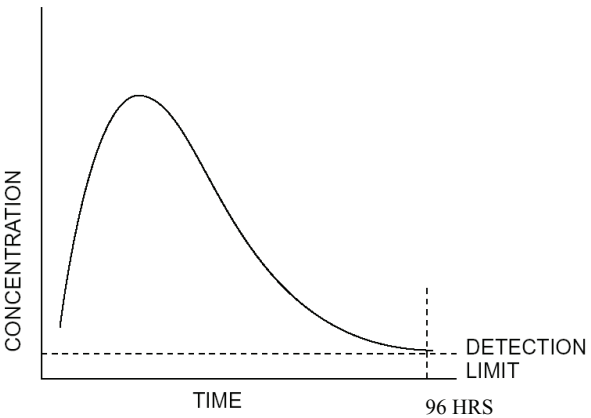
Trade and Other Names
Largactil, Chlorpromanyl, Chlorprom, G Promazine, Apo Chlorpromazine, Novochlorpromazine

Type of Drug
Tranquilizer

Route of Administration
IM

Dosage Regimen
4 horses Largactil 100 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

CIMETIDINE

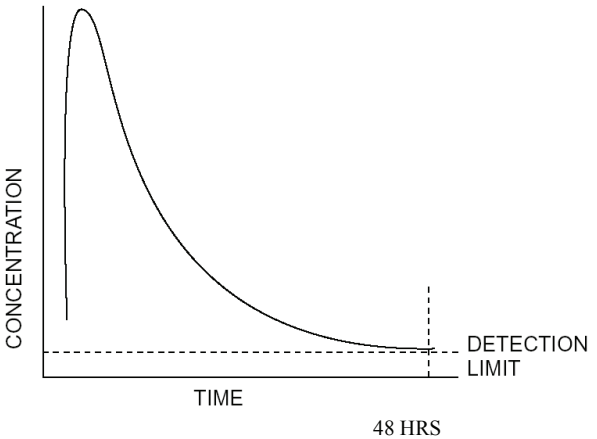
Trade and Other Names
Tagamet, Peptol; others

Type of Drug
Histamine H_2 Receptor Antagonist

Route of Administration
Oral

Dosage Regimen
4 horses Tagamet 4 g (twice daily, 3 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Ventipulmin

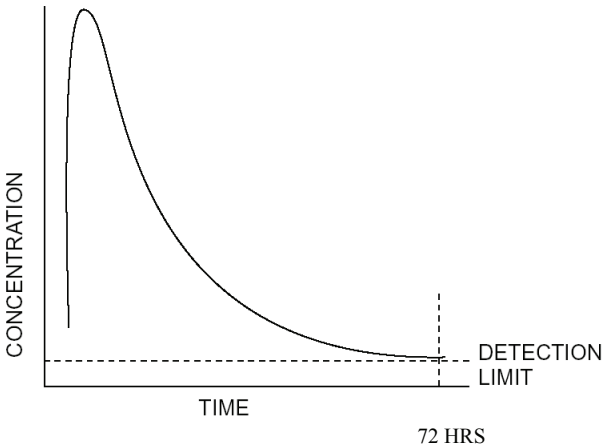
Type of Drug
Bronchodilator

Route of Administration
IV, Oral

Dosage Regimen

4 horses	Ventipulmin	0.30 mg	IV	(single administration)
4 horses	Ventipulmin	0.32 mg	PO	(single administration)
4 horses	Ventipulmin	0.40 mg	PO	(twice daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

CLOMIPRAMINE

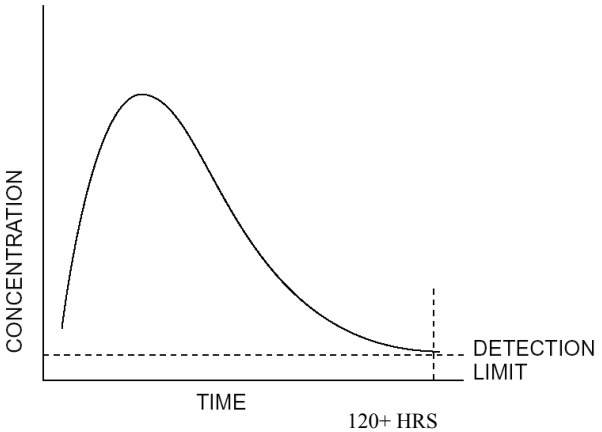
Trade and Other Names
Clomicalm

Type of Drug
Antidepressant

Route of Administration
PO

Dosage Regimen
4 horses Clomicalm 500 mg (twice daily, 4 days)

Detection Limit



At this dosage, most horses would test positive for longer than 120 hrs after the last treatment.

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Cromovet, Cromolyn, Intal

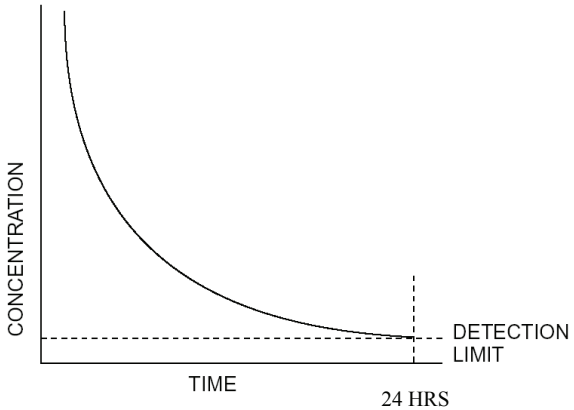
Type of Drug
Respiratory anti-allergic

Route of Administration
NEB, IT, Aeromask

Dosage Regimen

4 horses	Cromovet	80 mg NEB	(single administration)
2 horses	Cromovet	80 mg NEB	(once daily, 3 days)
4 horses	Cromovet	80 mg IT	(single administration)
2 horses	Cromovet	80 mg IT	(once daily, 3 days)
4 horses	Intal	10 mg AER	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

CYPROHEPTADINE

Trade and Other Names
Periactin

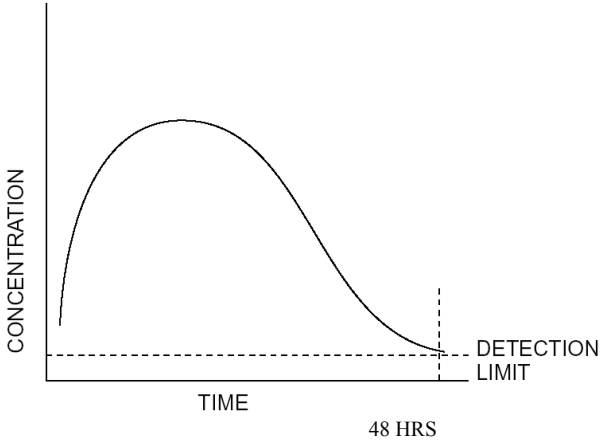
Type of Drug
Antihistamine

Route of Administration
Oral

Dosage Regimen

4 horses	Periactin	40 mg	(once daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered

Trade and Other Names
Dantrium

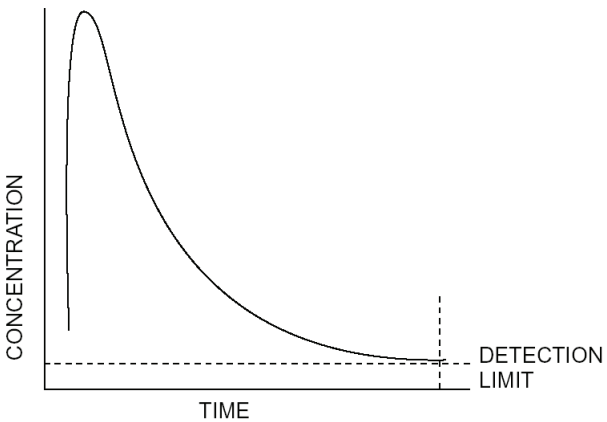
Type of Drug
Skeletal Muscle Relaxant

Route of Administration
Oral

Dosage Regimen

8 horses	Dantrium	1 g	(single administration)
4 horses	Dantrolene Oral Suspension	1 g	(once daily, 5 days)

Detection Limit



36 HRS (Single administration)
60 HRS (5 day regimen)

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DEMBREXINE

Trade and Other Names
Sputolysin

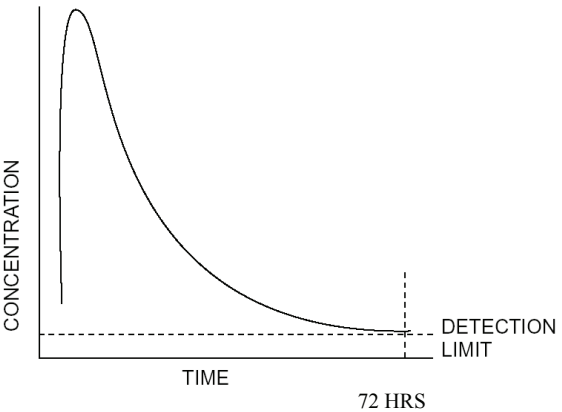
Type of Drug
Mucolytic; Expectorant

Route of Administration
Oral

Dosage Regimen

4 horses	Sputolysin	150 mg	(single administration)
4 horses	Sputolysin	150 mg	(twice daily, 4 days)

Detection Limit



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Trade and Other Names
Dormosedan

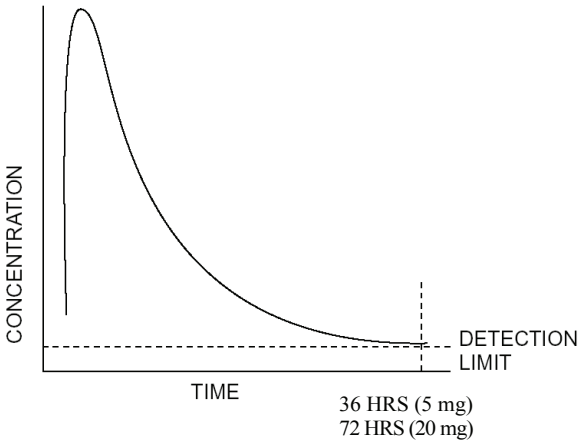
Type of Drug
Analgesic, sedative

Route of Administration
IV

Dosage Regimen

4 horses	Dormosedan	5 mg	(single administration)
4 horses	Dormosedan	20 mg	(single administration)

Detection Limit



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DEXAMETHASONE

Trade and Other Names
Azium, Decadron T.B.A.

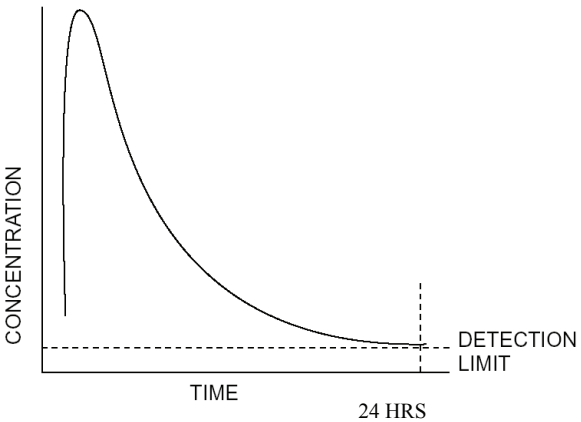
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IM, IV, ISY, Oral, Nebulization

Dosage Regimen

4 horses	Azium	20 mg	IM	(single administration)
4 horses	Azium	20 mg	IV	(single administration)
4 horses	Azium	25 mg	IV	(single administration)
4 horses	Azium-SP	25 mg	IV	(single administration)
4 horses	Decadron T.B.A.	40 mg	ISY	(single administration)
4 horses	Azium	10 mg	PO	(once daily, 5 days)
1 horse	Azium-SP	80 mg	NEB	(single administration)
1 horse	Azium-SP	160mg	NEB	(single administration)
2 horses	Azium-SP	220mg	NEB	(single administration)

Detection Limit



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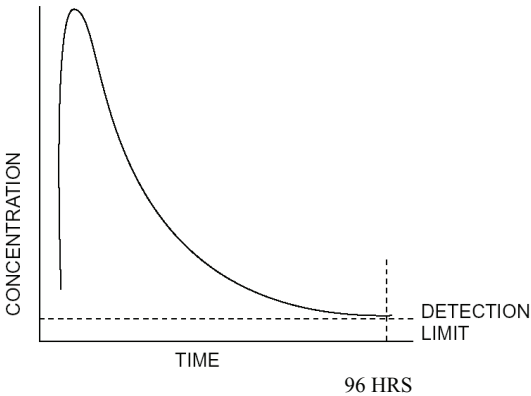
Trade and Other Names
Democineol, Sedatuss, Broncho Grippol, Tussorphan, Robidex, Balminil; others

Type of Drug
Antitussive

Route of Administration
Oral

Dosage Regimen
4 horses Dextromethorphan syrup 300 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

DIAZEPAM

Trade and Other Names
Valium

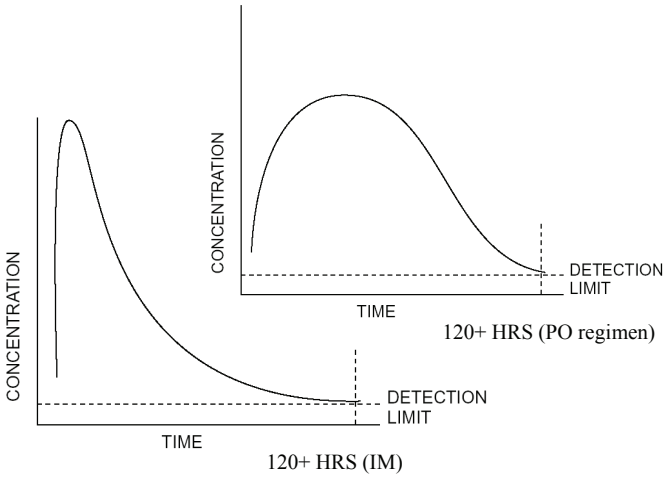
Type of Drug
Tranquilizer

Route of Administration
IM, Oral

Dosage Regimen

4 horses	Valium	10 mg	IM	(single administration)
4 horses	Apo Diazepam	30 mg	PO	(once daily, 5 days)

Detection Limit



At this dosage, most horses would test positive for longer than 120 hrs after the last treatment

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Trade and Other Names
Voltaren; Diclofenac Sodium Gel

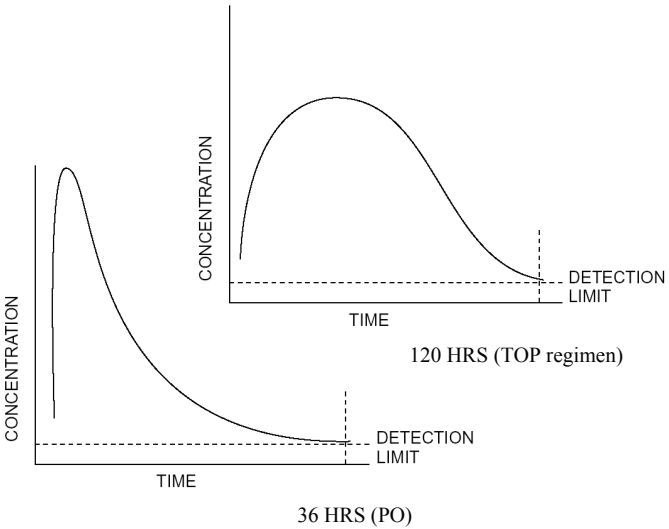
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral, Topical (as leg rub)

Dosage Regimen

8 horses	Voltaren	500 mg	PO	(single administration)
4 horses	Diclofenac Sodium gel	180 mg	TOP	(twice daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

DIFLUNISAL

Trade and Other Names
Dolobid

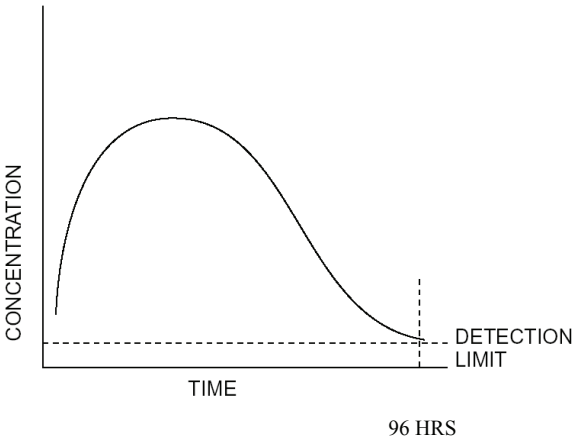
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

8 horses	Dolobid	5 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
DMSO, Domoso, Rimso, Kemsol

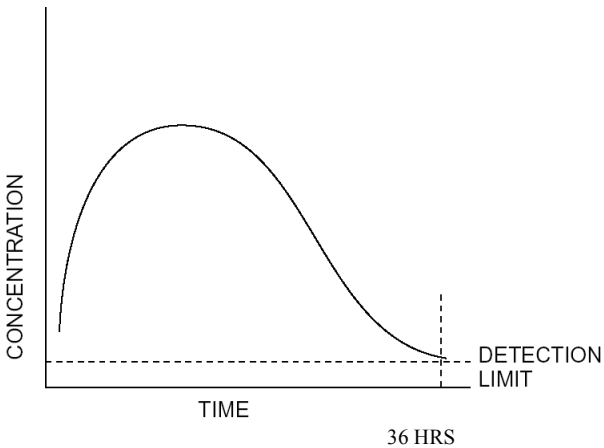
Type of Drug
Analgesic/Anti-inflammatory (NSAID); Penetrant Carrier

Route of Administration
Topical (as leg rub), IV

Dosage Regimen

4 horses	Domoso Gel 90%	19.8 g TOP	(single administration)
2 horses	Domoso Solution	19.8 g IV	(single administration)

Detection Limit



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DIPHENHYDRAMINE

Trade and Other Names
Benadryl, Sominex, Compoz, Nytol; others

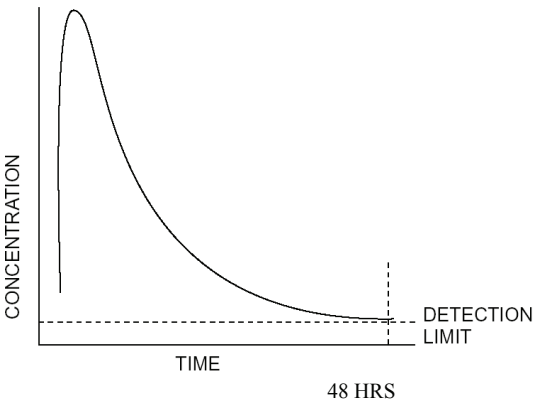
Type of Drug
Antihistamine

Route of Administration
IM, Oral

Dosage Regimen

4 horses	Benadryl	250 mg	IM	(single administration)
4 horses	Benadryl	500 mg	PO	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Methampyrone, Novolate, Diprone, Novin, Myovin, Dipyrone 50%, Metamizol; others

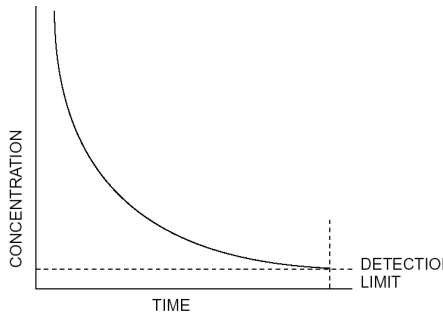
Type of Drug
Analgesic, Antipyretic

Route of Administration
IM, IV

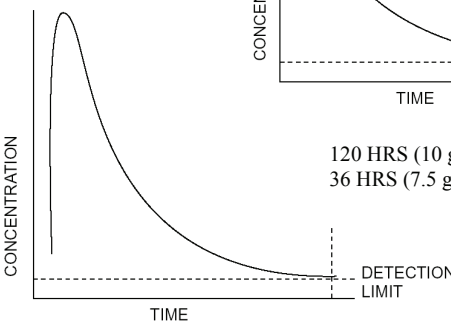
Dosage Regimen

8 horses	Dipyrone 50%	7.5 g	IM	(single administration)
4 horses	Dipyrone 50%	10 g	IM	(twice daily, 5 days)
4 horses	Novolate	7.5 g	IV	(single administration)

Detection Limit



120 HRS (10 g twice daily, 5 days, IM)
36 HRS (7.5 g single dose, IV)



36 HRS (7.5 g single dose, IM)

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DYPHYLLINE

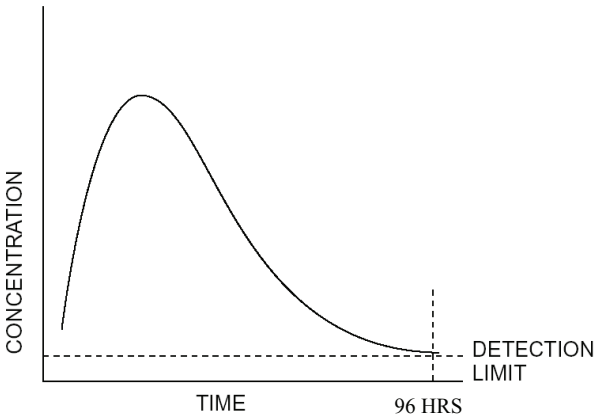
Trade and Other Names
Protophylline

Type of Drug
Bronchodilator

Route of Administration
Oral

Dosage Regimen
4 horses Protophylline 5 g (single administration)

Detection Limit



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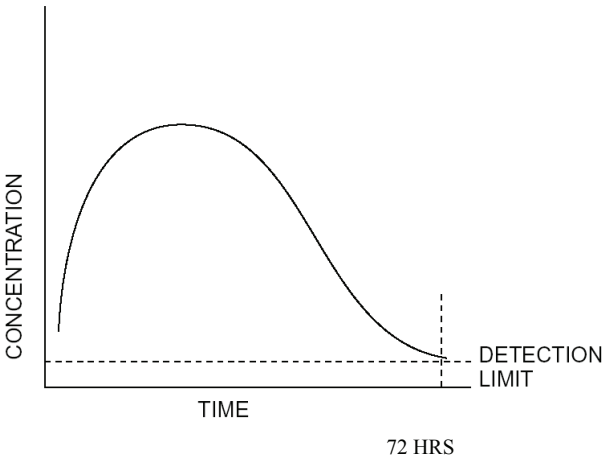
Trade and Other Names
Enacard

Type of Drug
Antihypertensive

Route of Administration
PO

Dosage Regimen
4 horses Enacard 60 mg (Once daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

EPHEDRINE

Trade and Other Names
Antiphrine, Anti-Histamine (also contains Pyrilamine)

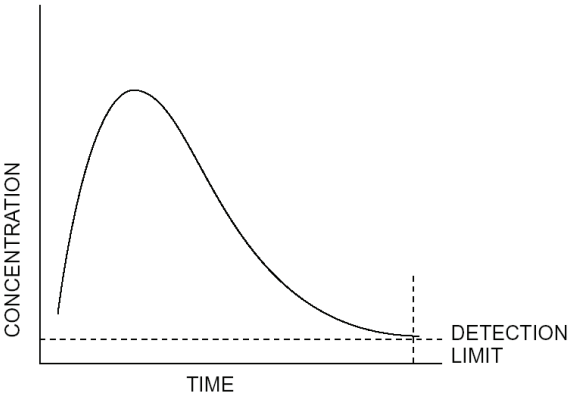
Type of Drug
Sympathomimetic, anti-congestive

Route of Administration
IM, Oral

Dosage Regimen

4 horses	Antiphrine	200 mg	PO	(single administration)
4 horses	Anti-Histamine	200 mg	IM	(single administration)
4 horses	Oral Anti-Histamine	300 mg	PO	(twice daily, 6 days)

Detection Limit



36 HRS (200 mg IM or PO)
48 HRS (300 mg twice daily, 6 days PO)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

ERGONOVINE

Trade and Other Names
Ergonovine Maleate

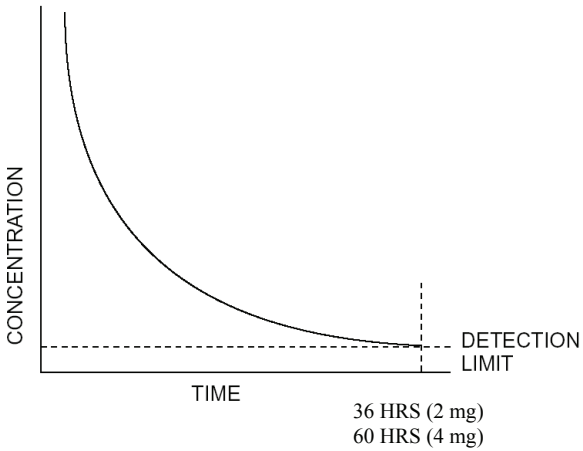
Type of Drug
Oxytocic

Route of Administration
IV

Dosage Regimen

4 horses	Ergonovine Maleate	2 mg	(single administration)
4 horses	Ergonovine Maleate	4 mg	(single administration)

Detection Limit



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ETHACRYNIC ACID

Trade and Other Names

Edecrin

Type of Drug

Diuretic

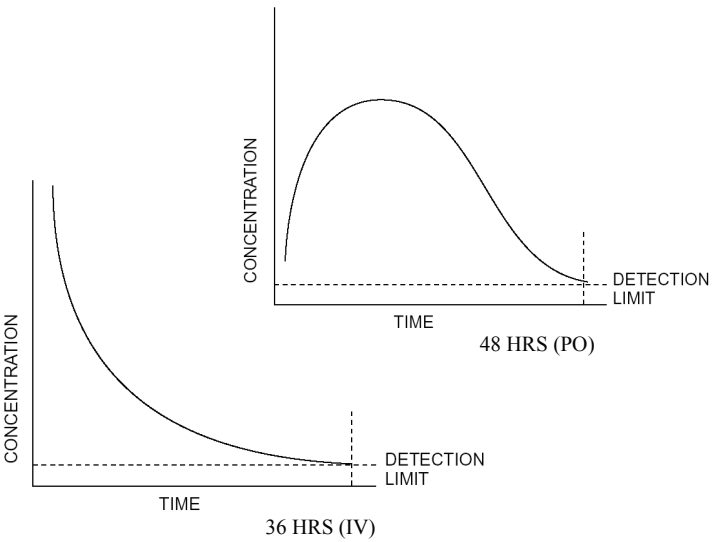
Route of Administration

IV, Oral

Dosage Regimen

8 horses	Edecrin	50 mg	IV	(single administration)
4 horses	Edecrin	200 mg	PO	(single administration)
4 horses	Edecrin	400 mg	PO	(single administration)

Detection Limit



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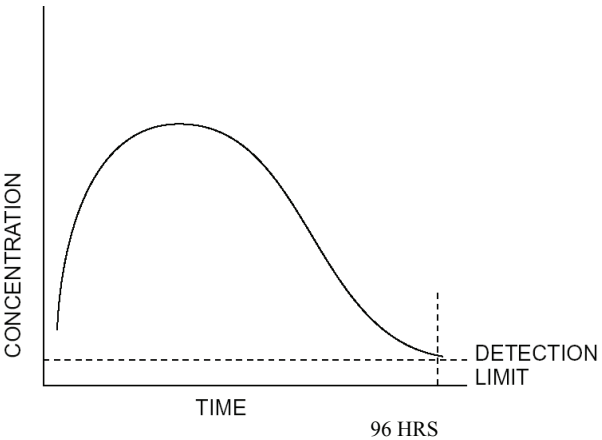
Trade and Other Names
Ultradol

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Ultradol 2 g (single administration)

Detection Limit



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FAMOTIDINE

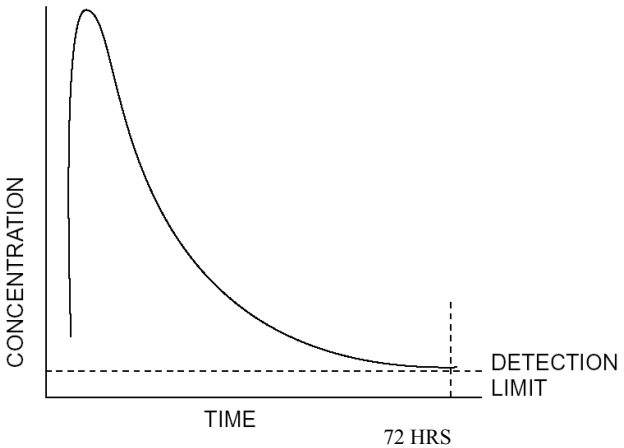
Trade and OtherNames
Pepcid, Ulcidine

Type of Drug
Histamine H_2 Receptor Antagonist

Route of Administration
Oral

Dosage Regimen
4 horses Pepcid 200 mg (single administration)

Detection Limit



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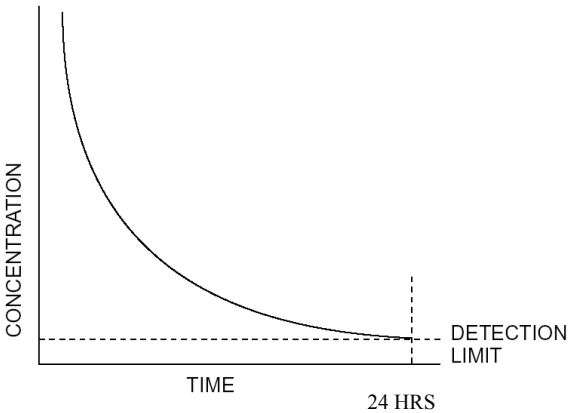
Trade and Other Names
Berotec

Type of Drug
Bronchodilator

Route of Administration
Aeromask

Dosage Regimen
4 horses Berotec 1 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

FLOCTAFENINE

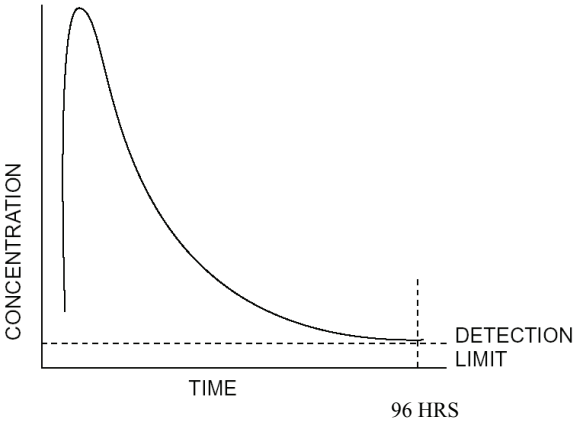
Trade and Other Names
Idarac

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Idarac 2 g (single administration)

Detection Limit



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Trade and Other Names
Flucort

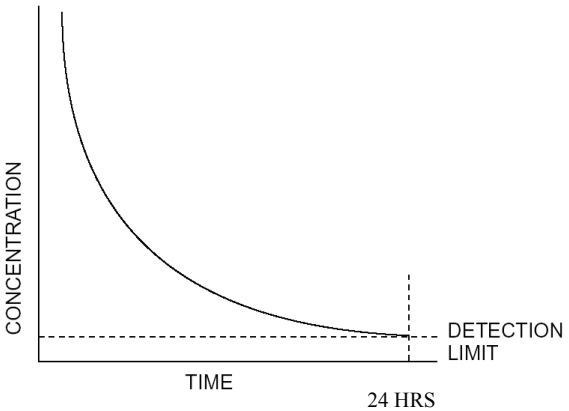
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IM, IV

Dosage Regimen

4 horses	Flucort	5 mg	IM	(single administration)
8 horses	Flucort	5 mg	IV	(single administration)

Detection Limit



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FLUNIXIN

Trade and Other Names
Banamine

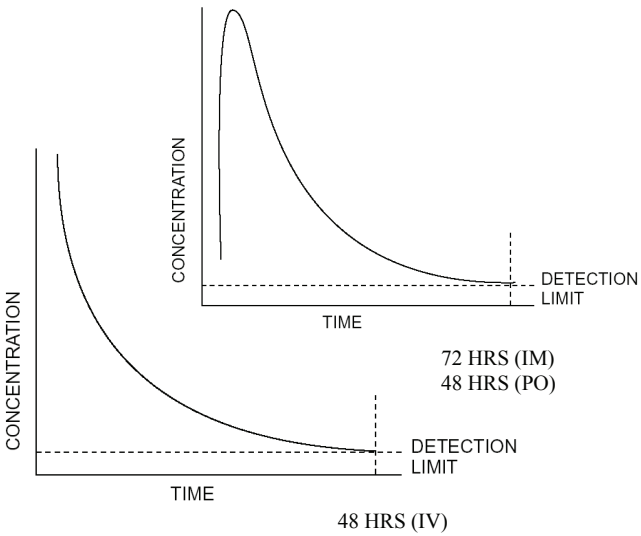
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
IV, IM, Oral

Dosage Regimen

4 horses Banamine	500 mg	PO	(single administration)
6 horses Banamine	500 mg	IV	(single administration)
2 horses Banamine	500 mg	IM	(single administration)
2 horses Banamine	500 mg	IM	(once daily 3 days)
2 horses Banamine	500 mg	IM	(once daily, 5 days)

Detection Limit



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Trade and Other Names
Modecate

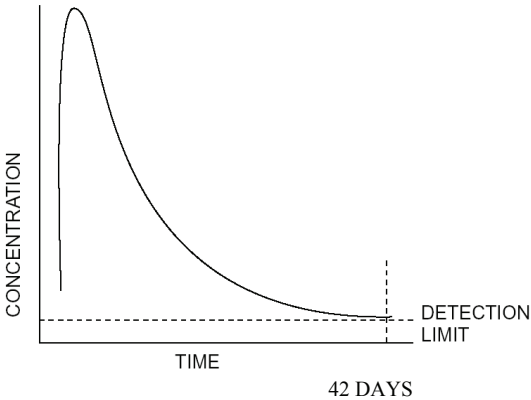
Type of Drug
Tranquilizer/Sedative

Route of Administration
IM

Dosage Regimen

4 horses	Modecate	50 mg	(single administration)

Detection Limit



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FLURBIPROFEN

Trade and Other Names
Ansaid

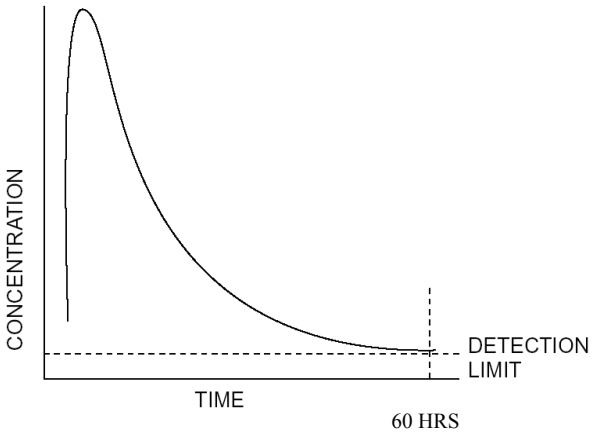
Type of Drug
Analgesic/Anti-inflammatory
(NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Ansaid	2 g	(single administration)

Detection Limit



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Trade and Other Names

Lasix, Frusemide

Type of Drug

Diuretic; Antihypertensive

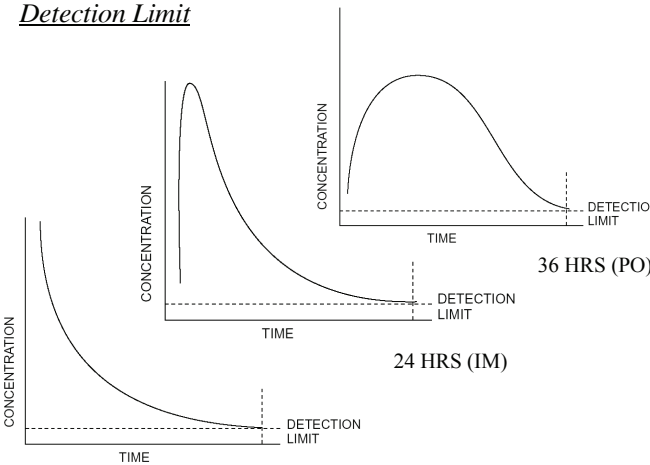
Route of Administration

IV, IM, Oral

Dosage Regimen

12 horses	Lasix	150 mg	IV	(single administration)
2 horses	Lasix	200 mg	IV	(single administration)
12 horses	Lasix	250 mg	IV	(single administration)
4 horses	Lasix	400 mg	IV	(single administration)
2 horses	Lasix	200 mg	IV	(once daily, 3 days)
2 horses	Lasix	200 mg	IM	(single administration)
4 horses	Lasix	400 mg	IM	(single administration)
2 horses	Lasix	200 mg	IM	(once daily, 3 days)
4 horses	Lasix	2 g	PO	(single administration)

Detection Limit



24 HRS (IV)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

GLYCOPYRROLATE

Trade and Other Names
Robinul

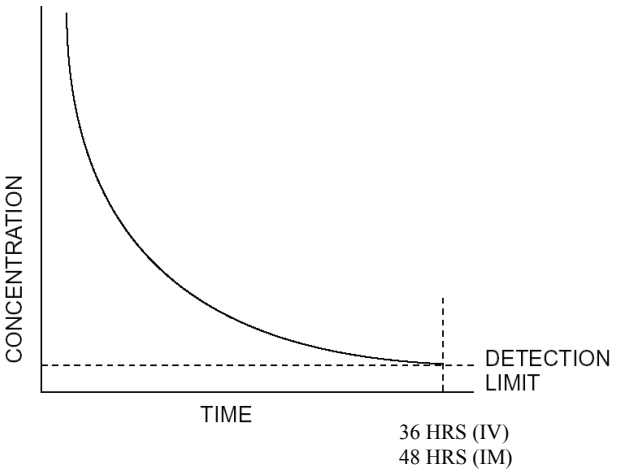
Type of Drug
Anticholinergic

Route of Administration
IV, IM

Dosage Regimen

4 horses	Robinul 2 mg	IV	(single administration)
4 horses	Robinul 2 mg	IM	(single administration)

Detection Limit



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Trade and Other Names
Glyceryl Guaiacolate, Guaiacol Glyceryl Ether Gecolate, Robitussin; others

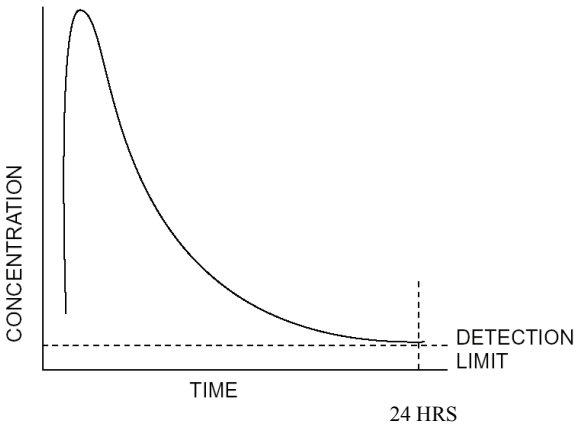
Type of Drug
Expectorant

Route of Administration
IV, Oral

Dosage Regimen

4 horses Gecolate	2 g	IV	(single administration)
4 horses Guaifenesin Syrup	2 g	PO	(single administration)

Detection Limit



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HYDROCHLOROTHIAZIDE

Trade and Other Names
Vetazide, Hydro Aquil, Hydrodiuril Urozide, Edemol; others

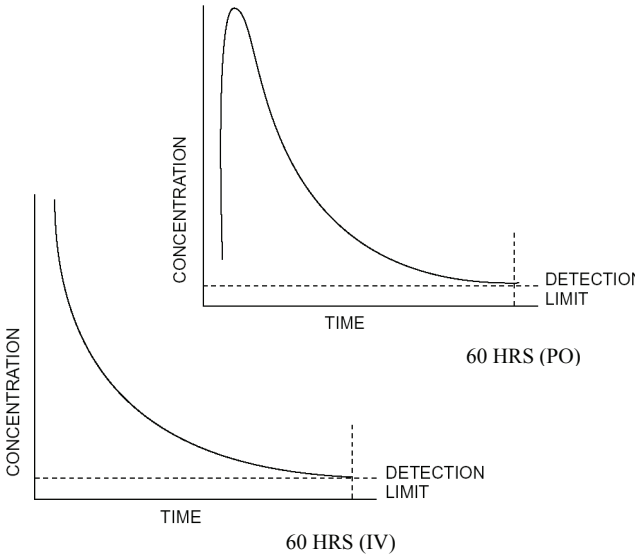
Type of Drug
Diuretic; Antihypertensive

Route of Administration
IV, Oral

Dosage Regimen

4 horses	Vetazide	100 mg	IV	(single administration)
4 horses	Hydro Aquil	225 mg	PO	(single administration)

Detection Limit



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Trade and Other Names
Hydroxyzine

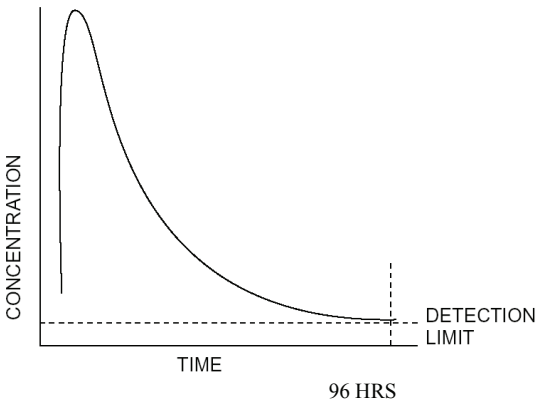
Type of Drug
Antihistamine

Route of Administration
Oral

Dosage Regimen

4 horses	Hydroxyzine	500mg	(twice daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

IBUPROFEN

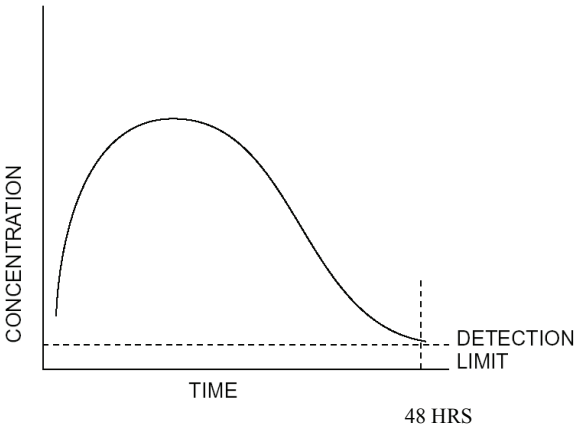
Trade and Other Names
Motrin

Type of Drug
Analgesic, Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Motrin 12 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Lozide

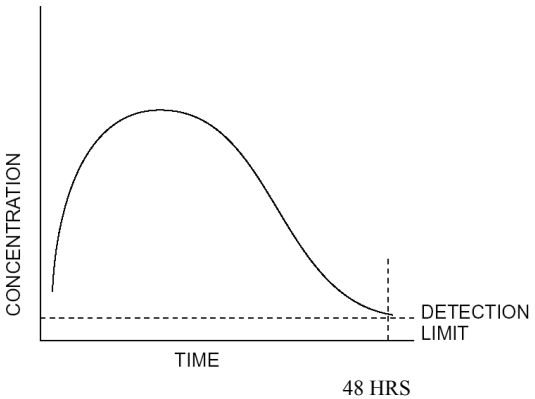
Type of Drug
Diuretic, Antihypertensive

Route of Administration
Oral

Dosage Regimen

4 horses	Lozide	40 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

INDOMETHACIN

Trade and Other Names
Indocid, Infrocin, Novomethacin

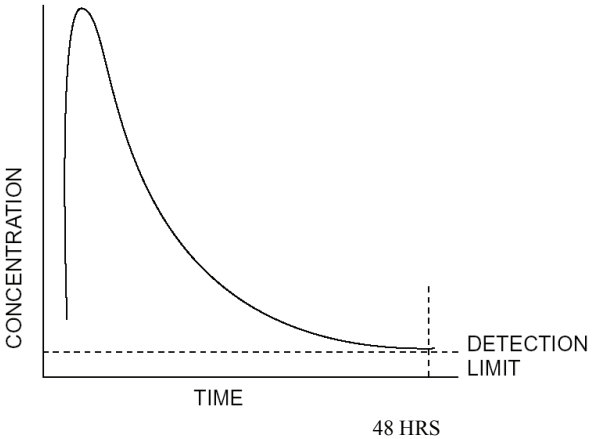
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Indocid	1.0 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Predef 2X, 9-Fluoroprednisolone

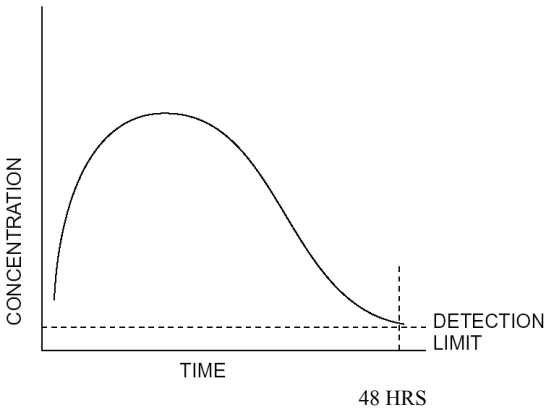
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IM

Dosage Regimen

4 horses	Predef 2X	15 mg	(single administration)
4 horses	Predef 2X	24 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

ISOXSUPRINE

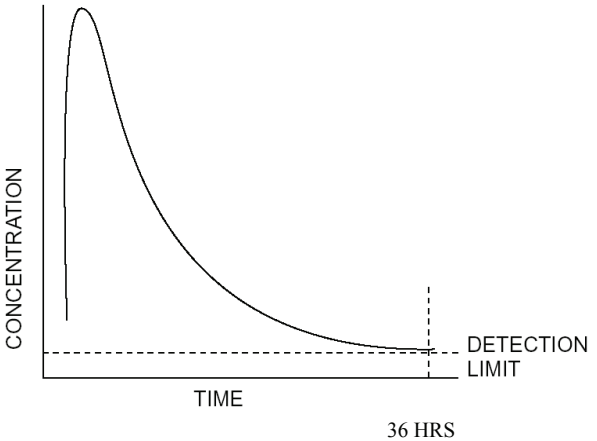
Trade and Other Names
Vasodilan

Type of Drug
Vasodilator

Route of Administration
Oral

Dosage Regimen
4 horses Vasodilan 300 mg (twice daily, 4 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Ketaset, Ketalar, Vetalar

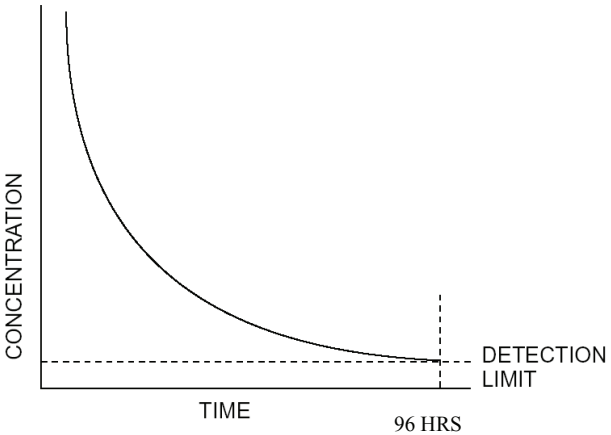
Type of Drug
General Anesthetic

Route of Administration
IV

Dosage Regimen

4 horses	Ketaset	700 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

KETOPROFEN

Trade and Other Names
Ketofen, Anafen

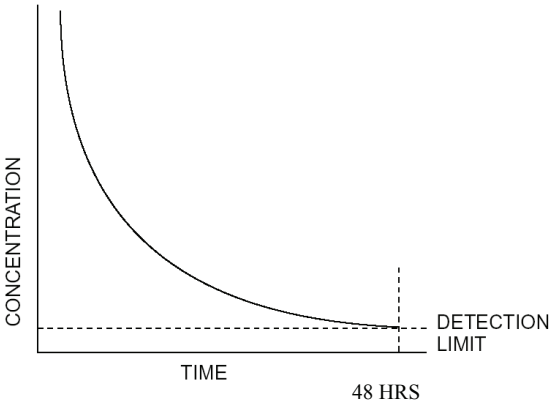
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
IV

Dosage Regimen

4 horses	Anafen	1.2 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Zaditen

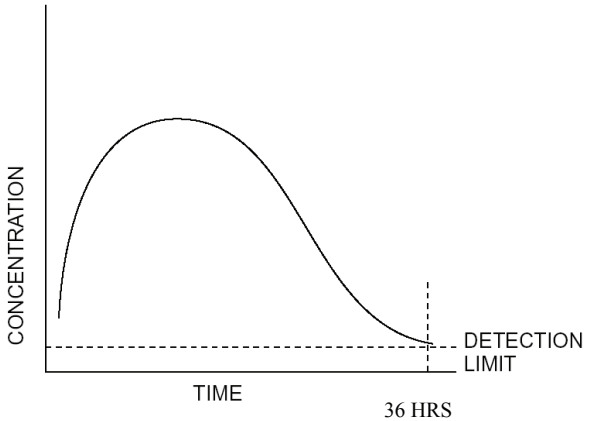
Type of Drug
Respiratory anti-allergic

Route of Administration
Oral

Dosage Regimen

4 horses	Zaditen	20 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

LIDOCAINE

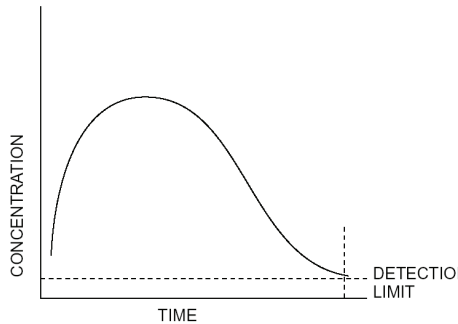
Trade and Other Names
Lignocaine, Xylocaine, Duracaine, Lido, Octocaine, Lignospan

Type of Drug
Local Anesthetic

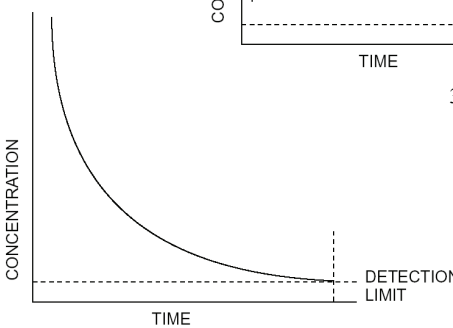
Route of Administration
Infiltration, Topical

Dosage Regimen
4 horses Lidocaine Neat 150 mg INFIL (single administration)
4 horses Lidocaine Neat 500 mg TOP (single administration)
(Topical product also contains 18 g DMSO)

Detection Limit



36 HRS (TOP)



24 HRS (INFIL)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

MECLOFENAMIC ACID

Trade and Other Names

Arquel

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

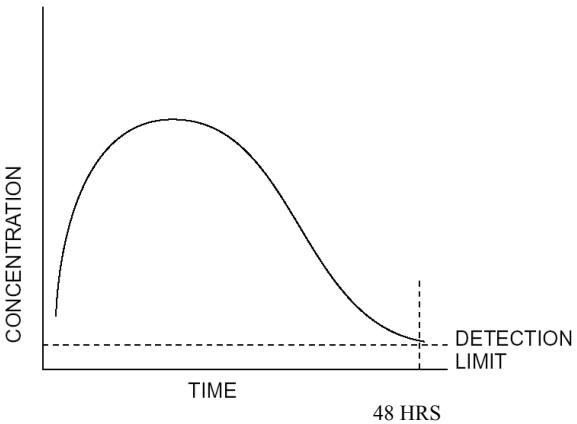
Route of Administration

Oral

Dosage Regimen

4 horses	Arquel	1 g	(single administration)
4 horses	Arquel	1 g	(once daily, 3 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

MEFENAMIC ACID

Trade and Other Names
Ponstan

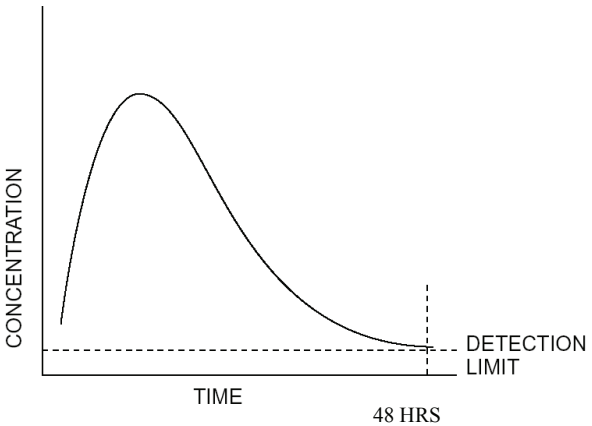
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

8 horses	Ponstan	2 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Metacam

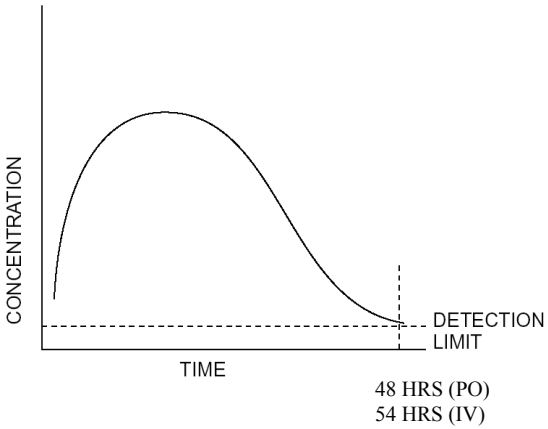
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
IV, Oral

Dosage Regimen

4horses	Metacam	90 mg	PO	(single administration)
4horses	Metacam	270 mg	IV	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

MEPIVACAINE

Trade and Other Names
Carbocaine

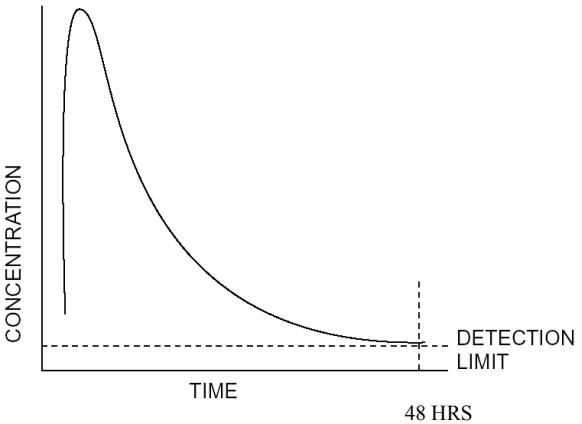
Type of Drug
Local Anesthetic

Route of Administration
IA, SC

Dosage Regimen

4 horses Carbocaine	300 mg	IA	(single administration)
4 horses Carbocaine	300 mg	SC	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Robaxin

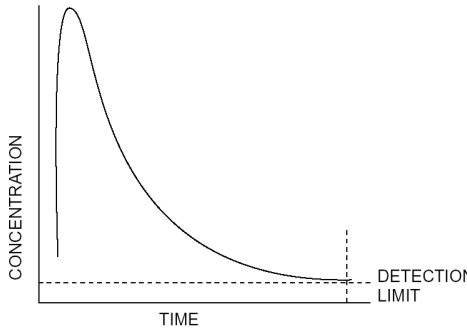
Type of Drug
Skeletal Muscle Relaxant

Route of Administration
IV, Oral

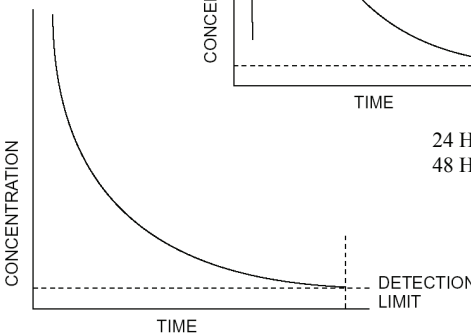
Dosage Regimen

4 horses Robaxin	5g IV	(single administration)
4 horses Robaxin	5g PO	(single administration)
4 horses Robaxin	3g PO	(twice daily for 4 days and once on day 5)

Detection Limit



24 HRS (PO single)
48 HRS (PO regimen)



24 HRS (IV)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

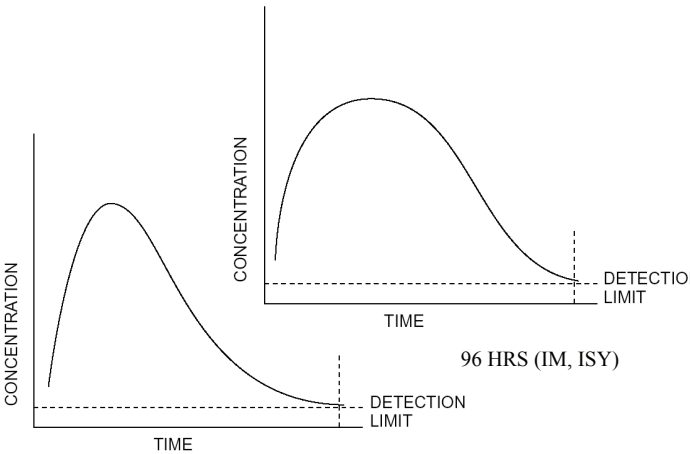
METHYLPREDNISOLONE

Trade and Other Names
Depo Medrol, Methysone, Depocoid; others

Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IA, IM, ISY

Dosage Regimen
4 horses Veterinary Depo 100 mg IA (single administration)
Medrol
4 horses Veterinary Depo 200 mg IA (single administration)
Medrol
4 horses Veterinary Depo 200 mg IM (single administration)
Medrol
4 horses Veterinary Depo 200 mg ISY (single administration)
Medrol
4 horses Veterinary Depo 640 mg ISY (single administration)
Medrol



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

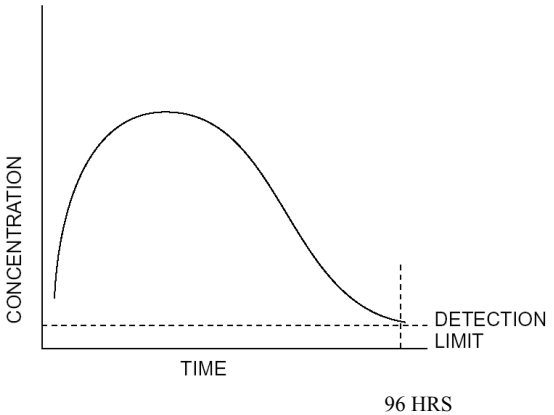
Trade and Other Names
Relafen

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Relafen 5 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

NANDROLONE

Trade and Other Names

Nandrolone Decanoate

Type of Drug

Androgenic Anabolic Steroid

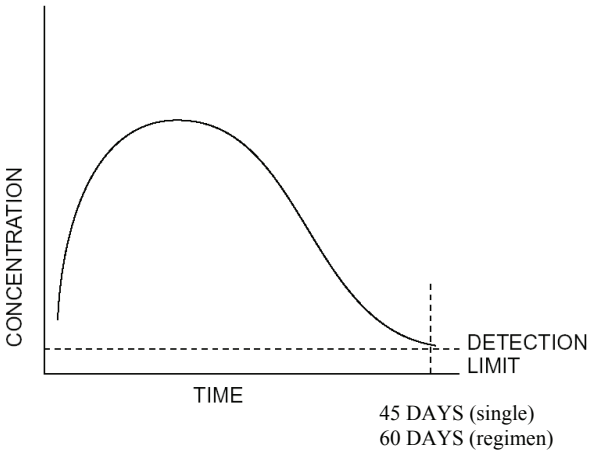
Route of Administration

IM

Dosage Regimen

4 horses	Nandrolone Decanoate 500 mg	IM	(single administration)
4 horses	Nandrolone Decanoate 300 mg	IM	(3 doses, 7 days apart)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Naprosyn, Anaprox, Equiproxen

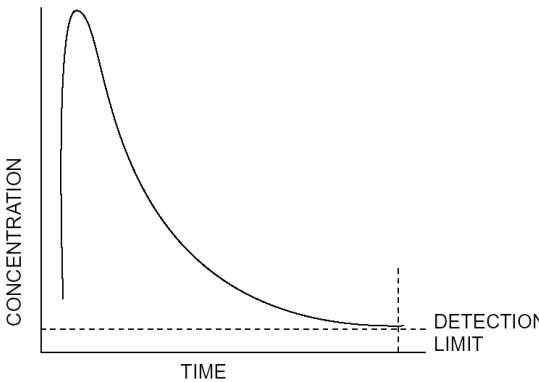
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Naprosyn	4.5 g	(single administration)
4 horses	Equiproxen	2 g	(twice daily, 5 days)

Detection Limit



96 HRS (4.5 g single dose)
120 HRS (2 g regimen)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

NEDOCROMIL

Trade and Other Names
Tilade, Alocril

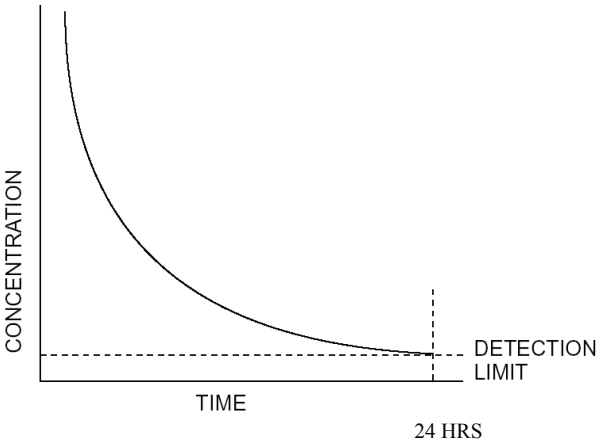
Type of Drug
Bronchial anti-inflammatory, Respiratory anti-allergic

Route of Administration
Aeromask

Dosage Regimen

4 horses	Tilade	16 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

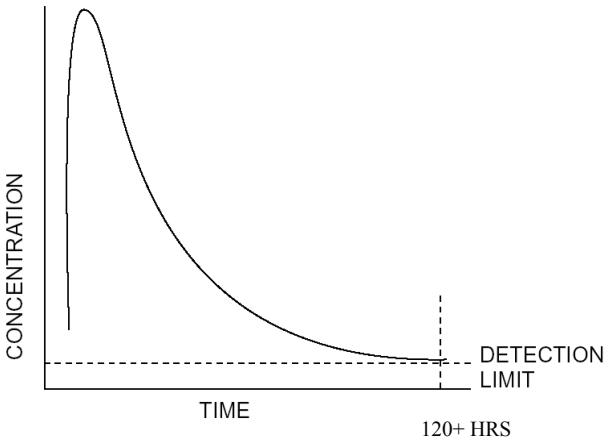
Trade and Other Names
Daypro

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Daypro 4.8 g (single administration)

Detection Limit



At this dosage, most horses would test positive for longer than 120 hrs after the last treatment.

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

OXYPHENBUTAZONE

Trade and Other Names
Tandearil, Oxybutazone

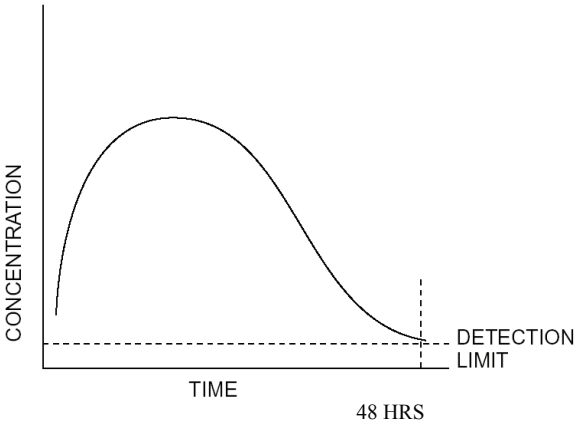
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Tandearil	4 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Talwin

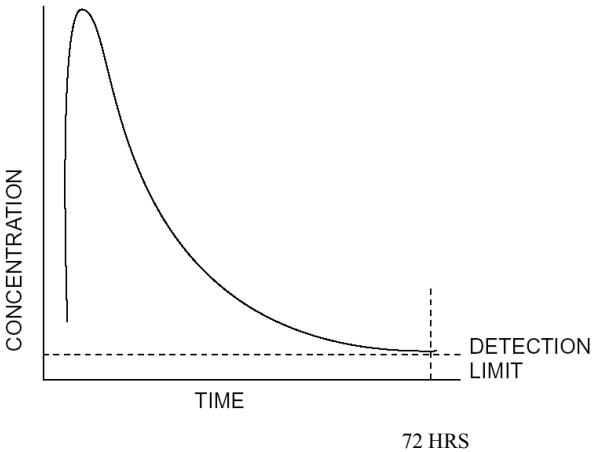
Type of Drug
Analgesic

Route of Administration
IM

Dosage Regimen

4 horses	Talwin	0.68 mg/kg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PENTOXIFYLLINE

Trade and Other Names
Trental, Navicon, Oxpentifylline, Vazofirin

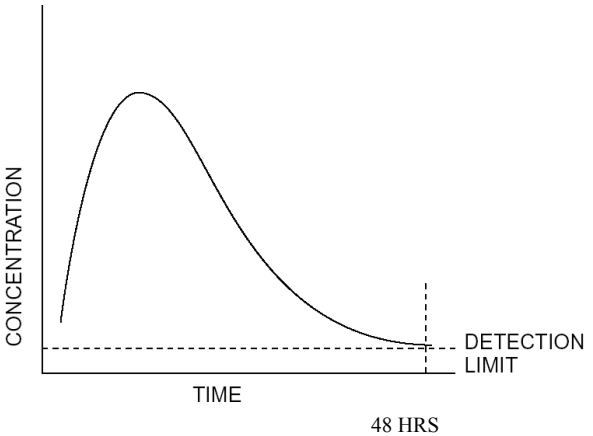
Type of Drug
Vasodilator

Route of Administration
Oral

Dosage Regimen

4 horses	Trental	4g	(single administration)
4 horses	Navicon	2g	(twice daily, 4 days)
4 horses	Navicon	2g	(three times daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Phenothiazine Drench Grade Powder, Pheno Sweet, Gardo No. 163

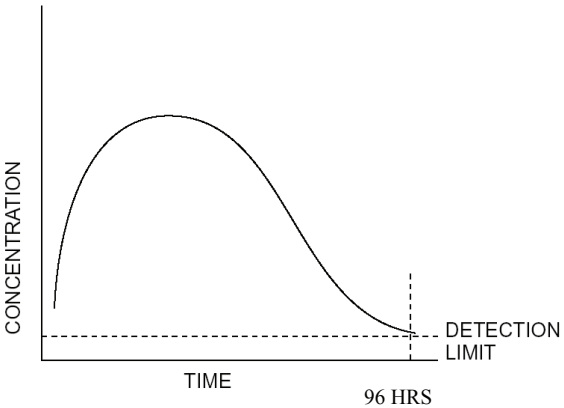
Type of Drug
Anthelmintic

Route of Administration
Oral

Dosage Regimen

4 horses	Phenothiazine Drench Grade Powder	4.75 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PHENYLBUTAZONE

Trade and Other Names
Bute, Butazolidin, Dinz, Butazone, Equipalazone, Azrabute, Centrebute

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

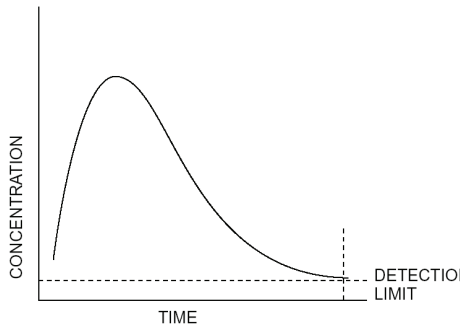
Route of Administration
IV, Oral

Dosage Regimen

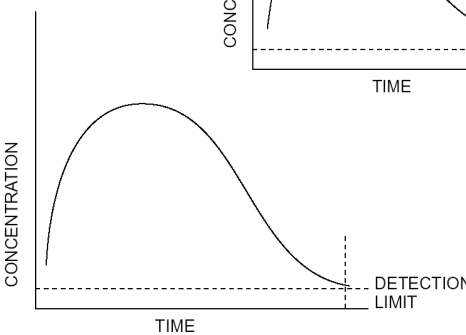
2 horses Phenylbutazone Injectable	3 g	IV	(single administration)
2 horses Phenylbutazone Injectable	3 g	IV	(once daily, 3 days)
2 horses Bute	3 g	PO	(single administration)
2 horses Bute	3 g	PO	(once daily, 3 days)

Detection Limit

See also p. 116



96 HRS (PO)



96 HRS (IV)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Dilantin, Phenytoin Suspension

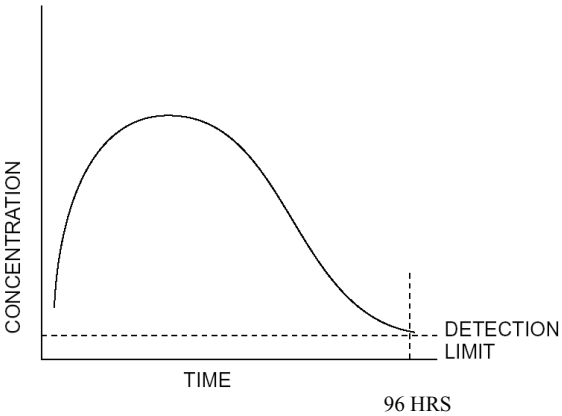
Type of Drug
Anticonvulsant, Antiarhythmic

Route of Administration
Oral

Dosage Regimen

4 horses	Phenytoin Suspension	3 g (twice daily, 3 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PIROXICAM

Trade and Other Names
Feldene

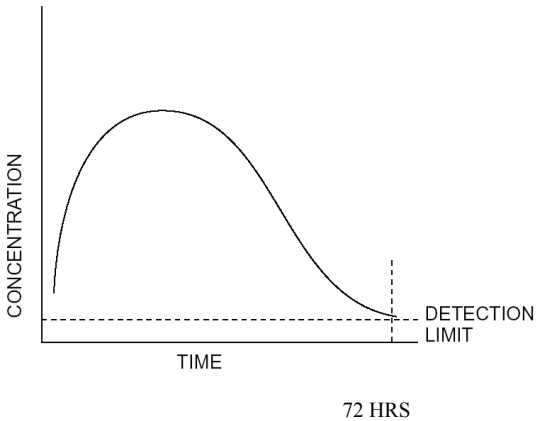
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

4 horses	Feldene	100 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Solu Delta Cortef; Prednisolone Acetate

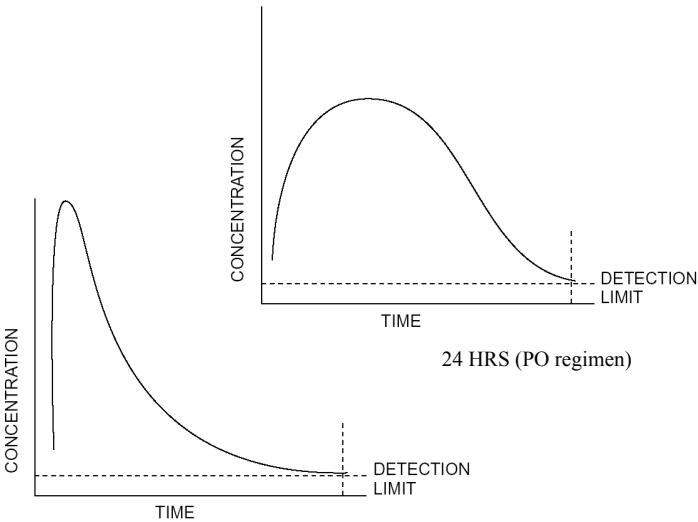
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IV, Oral

Dosage Regimen

4 horses Solu Delta Cortef	75 mg IV	(single administration)
4 horses Solu Delta Cortef	150 mg IV	(single administration)
8 horses Prednisolone Acetate	400 mg PO	(twice daily, 5 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PREDNISONE

Trade and Other Names
Deltasone

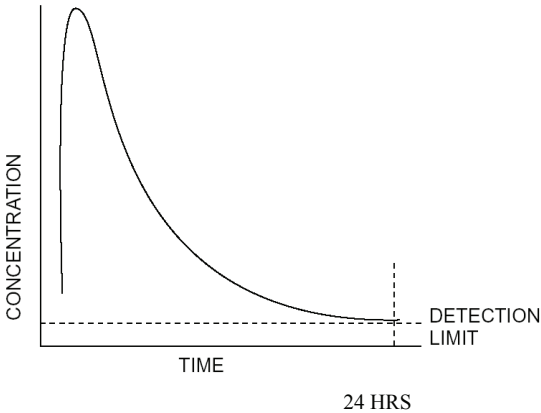
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
Oral

Dosage Regimen

4 horses	Deltasone 0.5 g	(single administration)
4 horses	Deltasone 1.0 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Novocain

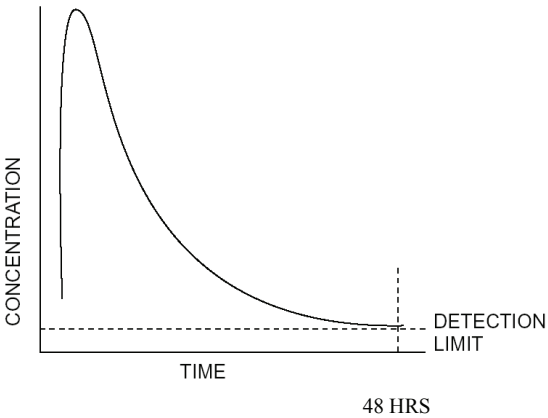
Type of Drug
Local Anesthetic

Route of Administration
Infiltration

Dosage Regimen

4 horses	Novocain	80 mg	(single administration)
4 horses	Novocain	120 mg	(single administration)
4 horses	Novocain	160 mg	(single administration)
4 horses	Novocain	200 mg	(single administration)
4 horses	Novocain	1600 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PENICILLIN G PROCAINE

Trade and Other Names
Derapen A, Azimycin, Cillimycin, Penamycin, Pen-Strep Suspension, Pen Di Strep, Ethacillin, Diathol, Pro-Pen Feedmix, Special Formula 17900; others

Type of Drug
Antibiotic (contains local anesthetic component: Procaine)

Route of Administration
IM, Oral, Topical

Dosage Regimen

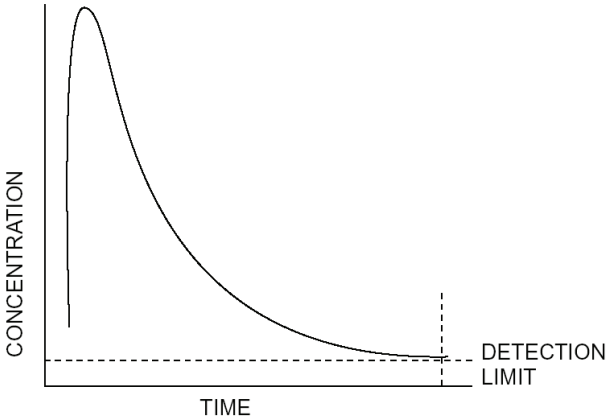
4 horses Derapen A	2 million IU*	IM	(single admin.)
4 horses Azimycin	4 million IU	IM	(single admin.)
4 horses Cillimycin	4 million IU	IM	(single admin.)
4 horses Penamycin	4 million IU	IM	(single admin.)
4 horses Pen-Strep Susp.	4 million IU	IM	(single admin.)
4 horses Pen Di Strep	4 million IU	IM	(single admin.)
4 horses PenDiStrep	4 million IU	IM	(once daily, 5 days)
4 horses Ethacillin	6 million IU	IM	(single admin.)
4 horses Diathol	2 million IU	IM	(single admin.)
(also contains 200 mg procaine hydrochloride)			
4 horses Pro-Pen Feedmix	4 million IU	PO	(single admin.)
4 horses Special Formula 17900	0.2 million IU	TOP	(single admin.)

*IU= International Units (1 million IU Penicillin G Procaine contains 424 mg Procaine)

... continued overleaf

See also p.116

Detection Limit



425 HRS (IM)
60 HRS (PO)
48 HRS (TOP)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

PROMAZINE

Trade and Other Names
Promanyl, Sparine

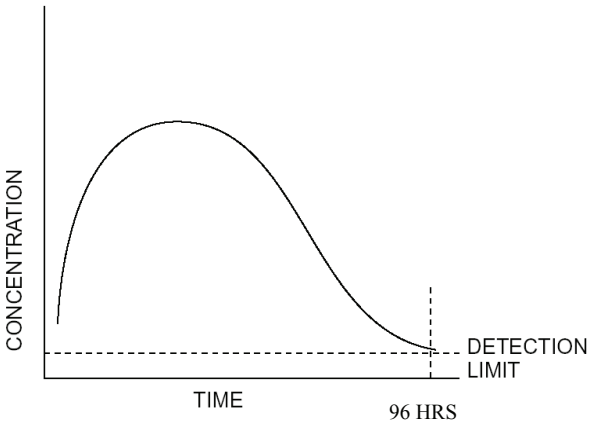
Type of Drug
Tranquilizer

Route of Administration
IM

Dosage Regimen

4 horses	Promanyl	250 mg	(single administration)
4 horses	Promanyl	450 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Histosol, Mepyramine, Anti-Histamine (also contains Ephedrine)

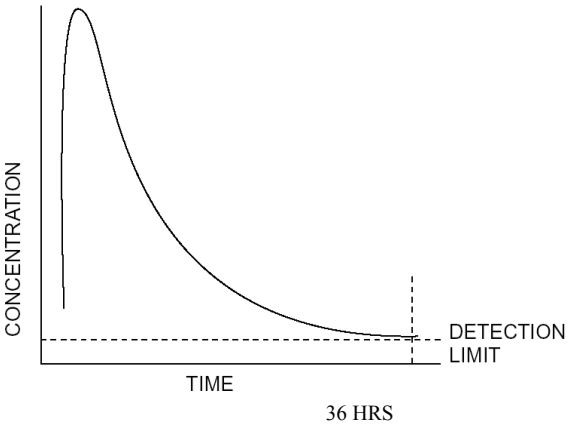
Type of Drug
Antihistamine

Route of Administration
IM, Oral

Dosage Regimen

4 horses Histosol	500 mg IM (single administration)
4 horses Anti-Histamine	750 mg PO (twice daily, 6 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

RANITIDINE

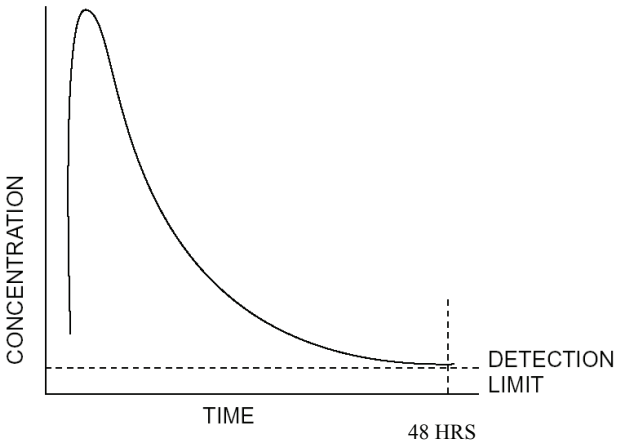
Trade and Other Names
Zantac

Type of Drug
Histamine H_2 Receptor Antagonist

Route of Administration
Oral

Dosage Regimen
4 horses Zantac 3 g (twice daily, 4 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

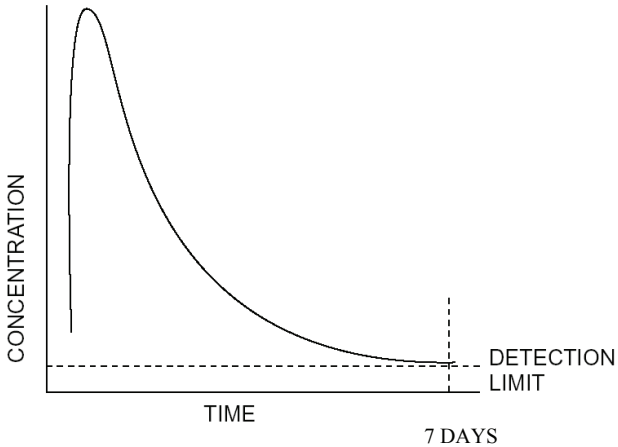
Trade and Other Names
Reserpine

Type of Drug
Tranquilizer

Route of Administration
IM

Dosage Regimen
4 horses Reserpine 2.5 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

ROMIFIDINE

Trade and Other Names
Sedivet

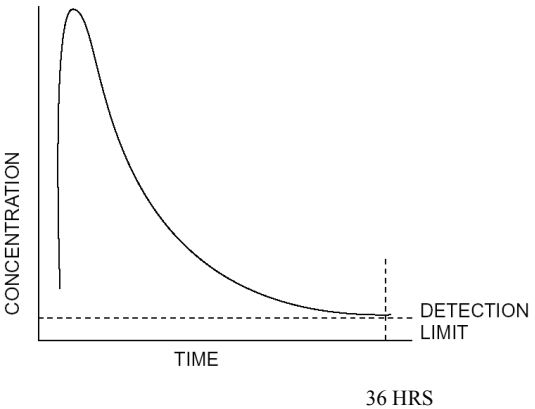
Type of Drug
Sedative

Route of Administration
IV

Dosage Regimen

4 horses	Sedivet	20 mg	(single administration)
4 horses	Sedivet	50 mg	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

SALBUTAMOL

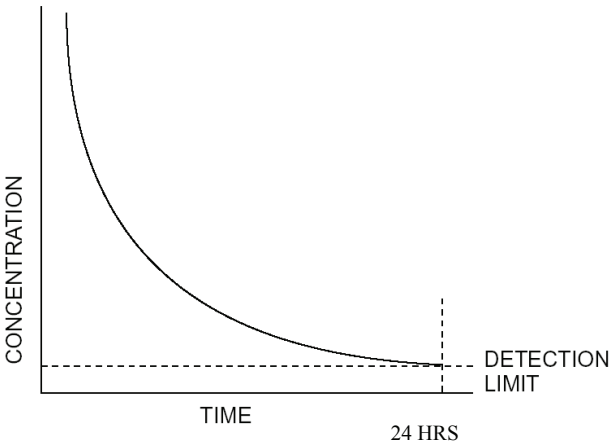
Trade and Other Names
Ventolin

Type of Drug
Bronchodilator

Route of Administration
Aeromask

Dosage Regimen
4 horses Ventolin 0.8 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

SALMETEROL

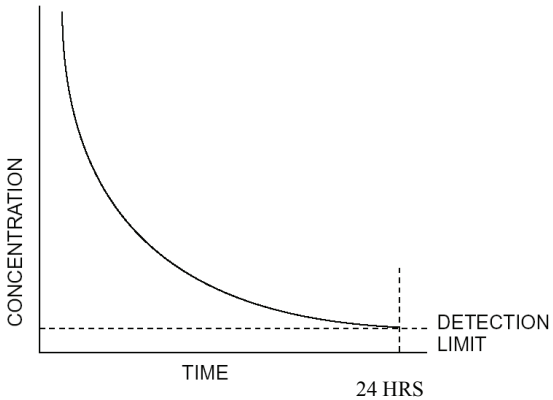
Trade and Other Names
Serevent

Type of Drug
Bronchodilator

Route of Administration
Aeromask

Dosage Regimen
4 horses Serevent 0.25 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Stanozolol

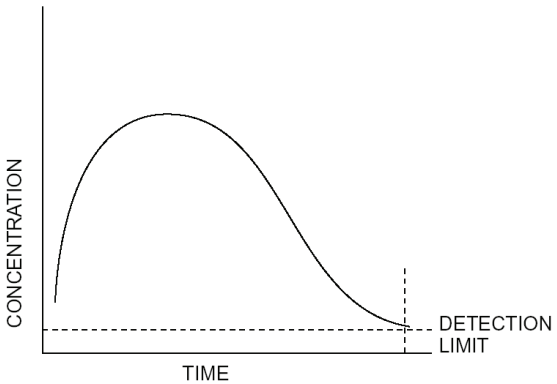
Type of Drug
Androgenic Anabolic Steroid

Route of Administration
IM

Dosage Regimen

4 horses	Stanozolol	250 mg	IM	(single administration)
4 horses	Stanozolol	250 mg	IM	(3 doses, 7 days apart)

Detection Limit



30 DAYS (single)
60 DAYS (regimen)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

SULINDAC

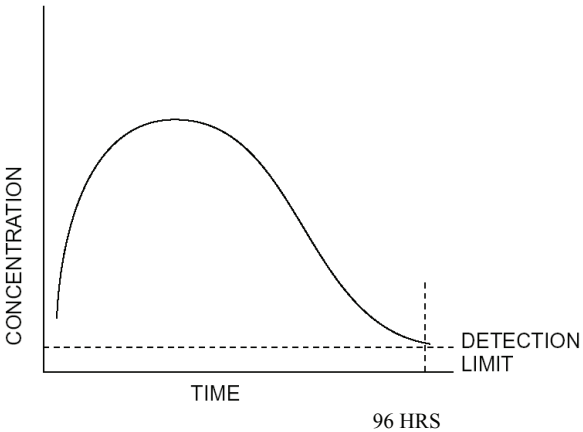
Trade and Other Names
Clinoril

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Clinoril 1.0 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

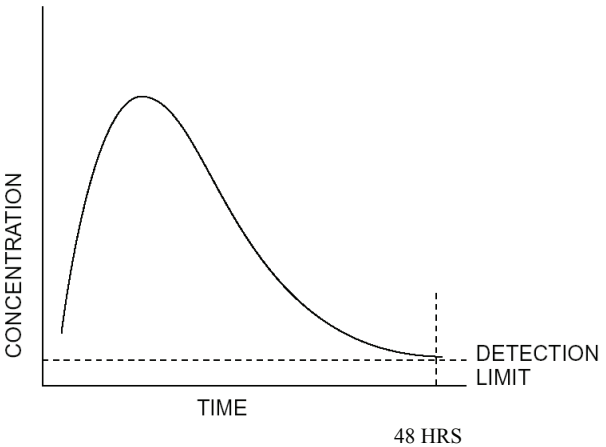
Trade and Other Names
Mobiflex

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Mobiflex 200 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

TERBUTALINE

Trade and Other Names
Brethine, Bricanyl

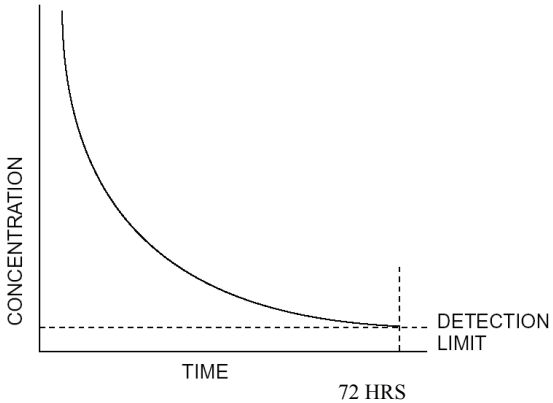
Type of Drug
Bronchodilator

Route of Administration
Oral, Sub-cutaneous

Dosage Regimen

4 horses	Brethine	1 mg	SC	(single administration)
4 horses	Bricanyl	40 mg	PO	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Testosterone Aqueous; Testosterone Cypionate

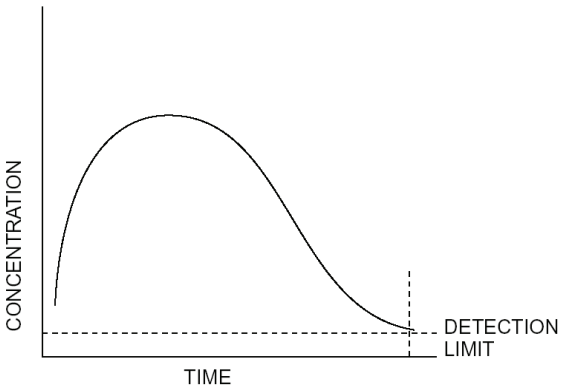
Type of Drug
Androgenic Anabolic Steroid

Route of Administration
IM

Dosage Regimen

4 horses	Testosterone Aqueous	500 mg	IM	(single administration)
4 horses	Testosterone Aqueous	500 mg	IM	(3 doses, 7 days apart)
4 horses	Testosterone Cypionate	200 mg	IM	(single administration)
4 horses	Testosterone Cypionate	200 mg	IM	(3 doses, 7 days apart)

Detection Limit



30 DAYS (aqueous single)
45 DAYS (cypionate single)
60 DAYS (regimen)

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

THEOPHYLLINE

Trade and Other Names
Aminophylline: Somophyllin, Aminophyl, Corophyllin, Phyllocontin,
Theophylline: Acet-Am, Quibron, Asthmophylline, Theolair; others

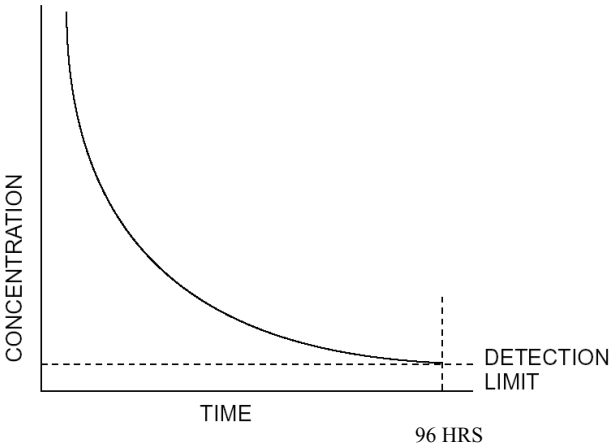
Type of Drug
Bronchodilator

Route of Administration
IV

Dosage Regimen

4 horses	Aminophylline	1.5 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

THIOSALICYLIC ACID

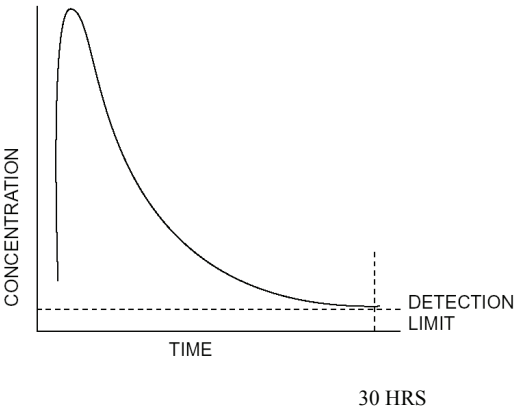
Trade and Other Names
Sodium Thiosalicylate

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
IV, IM

Dosage Regimen
4 horses Sodium Thiosalicylate 1 g IV (single administration)
4 horses Sodium Thiosalicylate 1 g IM (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

TIAPROFENIC ACID

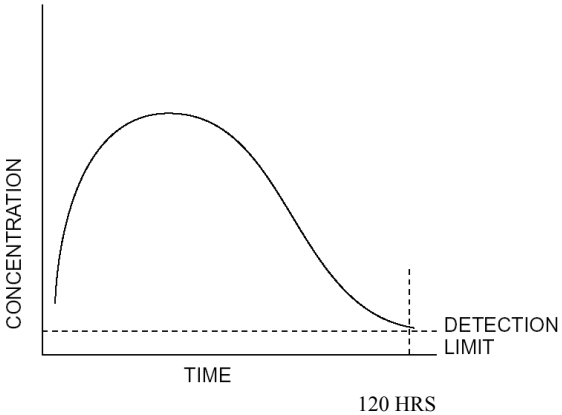
Trade and Other Names
Surgam

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen
4 horses Surgam 2.4 g (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

TRIAMCINOLONE ACETONIDE

Trade and Other Names
Vetalog

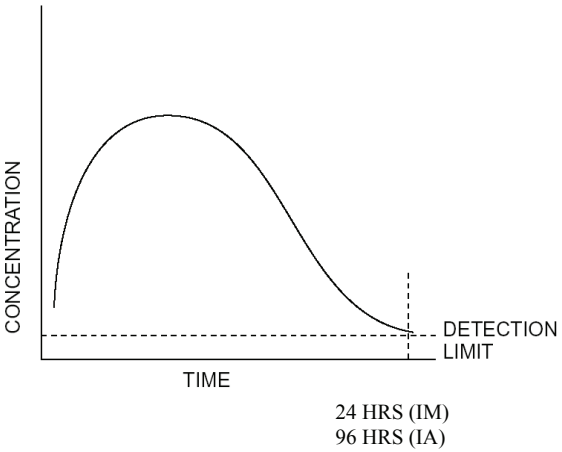
Type of Drug
Anti-inflammatory; Synthetic Corticosteroid

Route of Administration
IM, IA

Dosage Regimen

4 horses	Vetalog	24 mg	IM	(single administration)
4 horses	Vetalog	30 mg	IA	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered

TRICHLORMETHIAZIDE

Trade and Other Names
Naquasone

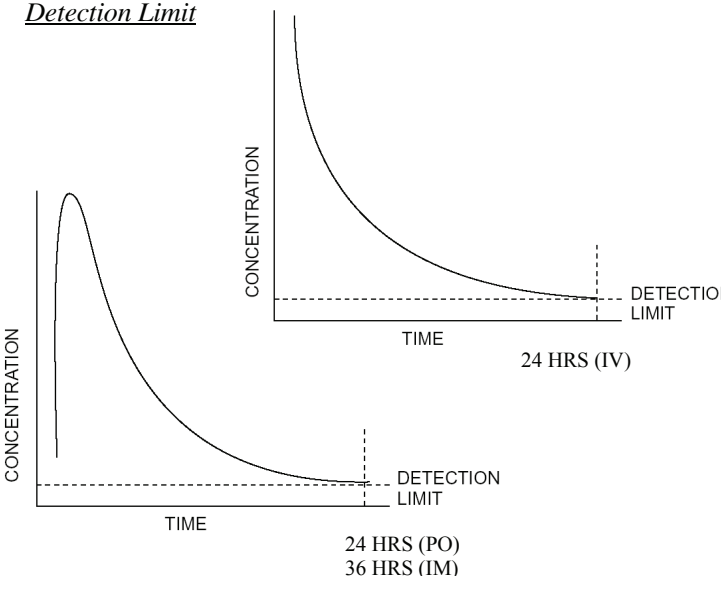
Type of Drug
Diuretic; Antihypertensive

Route of Administration
Oral, IM, IV

Dosage Regimen

4 horses Naquasone	100 mg PO	(single administration)
4 horses Naquasone	200 mg PO	(single administration)
4 horses Naquasone	100 mg IM	(single administration)
4 horses Naquasone	100 mg IV	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Vetastim

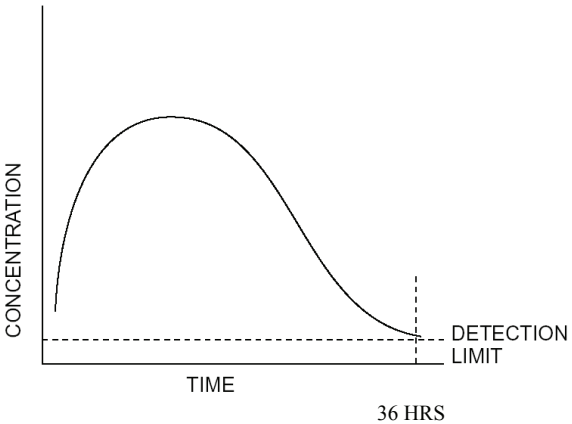
Type of Drug
Antihistamine

Route of Administration
IM

Dosage Regimen

4 horses	Vetastim	400 mg (single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

VEDAPROFEN

Trade and Other Names
Quadrisol

Type of Drug
Analgesic/Anti-inflammatory (NSAID)

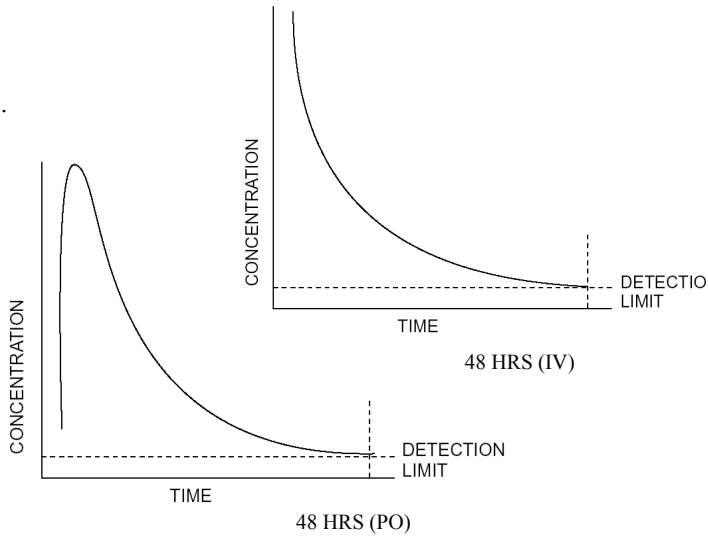
Route of Administration
Oral, IV

Dosage Regimen

4 horses	Quadrisol	1 g	PO	(once daily on days 1 & 5, 0.5 g twice daily on days 2-4)
4 horses	Quadrisol	1 g	IV	(single administration)

Detection Limit

.



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

Trade and Other Names
Rompun

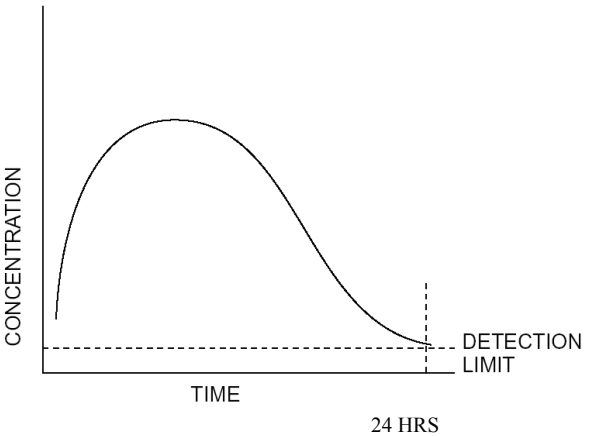
Type of Drug
Skeletal Muscle Relaxant; Analgesic; Sedative

Route of Administration
IM

Dosage Regimen

4 horses	Rompun	1 g	(single administration)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

ZOMEPIRAC

Trade and Other Names
Zomax

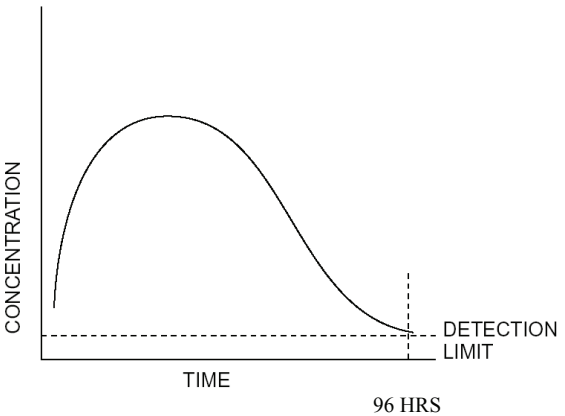
Type of Drug
Analgesic/Anti-inflammatory (NSAID)

Route of Administration
Oral

Dosage Regimen

2 horses	Zomax	0.5g	(single administration)
2 horses	Zomax	0.5g	(once daily, 3 days)
2 horses	Zomax	1g	(single administration)
2 horses	Zomax	1g	(once daily, 3 days)

Detection Limit



It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

DRUG: Salicylic Acid
Acetylsalicylic Acid (ASA, Aspirin)
Methyl Salicylate

TYPE OF DRUG: Antipyretic/analgesic/Anti-inflammatory (NSAID): ASA;
Counterirritant : Methyl salicylate ; Keratolytic : Salcylic Acid

TRADE NAMES: Acetophen, Entrophen, Aspir (ASA), Baumodyne Gel; Equine Blue Lotion; others (Methyl salicylate)

DRUG ADMINISTRATION	PRODUCT	DOSE & ROUTE	NO. HORSES	SALICYLIC ACID LEVELS BLOOD > 6.5µg/mL URINE > 750µg/mL
Acetylsalicylic acid	Acetophen	11.7 g Oral	12	24 h*
Methyl salicylate	Gel Baumodyne	8.38 g Topical	8	6 h
Methyl salicylate	Gel Baumadyne	3.35 g Topical	8	none observed

* Acetylsalicylic acid was detected in horse urine up to 14 hours in this experiment.
No levels greater than 750 µg/mL in urine or 6.5 µg/mL in blood were observed as a result of feed administration.

All of the above results are based on experiments and analysis of horse urine using current methodololgy. It is stressed that these results are presented as guidelines only. They should not be construed as absolute for every horse administered a drug metabolized to salicylic acid.

SCHEDULE

List of Drugs

1. Any substance and any preparation, metabolite, derivative, isomer and salt of the substance,

(a) that is labelled for veterinary use under the *Food and Drug Regulations* during a period of 240 days, calculated from the day on which the drug was assigned a drug identification number (D.I.N.) under those Regulations;

(b) that is not labelled for veterinary use under the *Food and Drug Regulations*;

(c) that interferes with an analysis for any drug included in this schedule; or

(d) that is included in the following list:

Acepromazine *(Acépromazine)*
Acetanilide *(Acétanilide)*
Acetylsalicylic acid *(Acide acétylsalicylique)*
Aconite *(Aconit)*
Aconitine *(Aconitine)*
Alphadolone *(Alphadolone)*
Alphaxalone *(Alphaxalone)*
Aminophylline *(Aminophylline)*
Antipyrine *(Antipyrine)*
Arecoline *(Arécoline)*
Atipamezole *(Atipamézole)*
Atropine *(Atropine)*
Azaperone *(Azapérone)*
Belladonna *(Belladone)*
Benazepril *(Benazépril)*
Benzocaine *(Benzocaïne)*
Betamethasone *(Bétaméthasone)*
Boldenone *(Boldénone)*
Butacaine *(Butacaïne)*
Butorphanol *(Butorphanol)*
Caffeine *(Caféine)*
Camphor *(Camphre)*
Carbachol *(Carbachol)*
Carfentanil *(Carfentanil)*
Carprofen *(Carprofène)*
Chloral Hydrate *(Hydrate de chloral)*
Chlorpheniramine *(Chlorphéniramine)*
Clenbuterol *(Clenbutérol)*
Clomipramine *(Clomipramine)*
Cromoglycate *(Cromoglycate)*
Dembrexine *(Dembrexine)*
Deracoxib *(Déracoxib)*
Desoxycorticosterone *(Désoxycorticostérone)*
Detomidine *(Détomidine)*
Dexamethasone *(Dexaméthasone)*
Dibucaine *(Dibucaïne)*
Diethylstilbestrol *(Diéthylstilbestrol)*
Digitalis *(Digitaline)*
Digitoxin *(Digitoxine)*

Digoxin *(Digoxin)*
Dimethylsulfoxide *(Diméthylsulfoxyde)*
Diphemanil *(Diphémanil)*
Diprenorphine *(Diprénorphine)*
Dipyrone *(Dipyrone)*
Doxapram *(Doxapram)*
Droperidol *(Dropéridol)*
Enalapril *(Énalapril)*
Ephedrine *(Éphédrine)*
Epinephrine *(Épinéphrine)*
Ergonovine *(Ergonovine)*
Ethanol *(Ethanol)*
Etorphine *(Étorphine)*
Fentanyl *(Fentanyl)*
Firocoxib (*Firocoxib)*
Flumethasone *(Fluméthasone)*
Flunixin *(Flunixine)*
Fluocinolone acetonide *(Acétonide de fluocinolone)*
Fluoxetine *(Fluoxetine)*
Fomepizole *(Fomépizole)*
Furosemide *(Furosémide)*
Guaifenesin *(Guaifénésine)*
Hydrochlorothiazide *(Hydrochlorothiazide)*
Hyoscine *(Hyoscine)*
Hyoscyamine *(Hyoscyamine)*
Imidapril *(Imidapril)*
Isoflupredone *(Iofluprédone)*
Isopropamide *(Isopropamide)*
Ketamine *(Kétamine)*
Ketanserine (*Kétanserine*)
Ketoprofen *(Kétoprofène)*
Levamisole *(Lévamisole)*
Lidocaine *(Lidocaïne)*
Lobelia *(Lobelia)*
Lobeline *(Lobéline)*
Mebezonium *(Mébézonium)*
Meclofenamic acid *(Acide méclofénamique)*
Medetomidine *(Médetomidine)*
Meloxicam *(Méloxicam)*
Mepivacaine *(Mépivacaïne)*
Methapyrilene *(Méthapyrilène)*
Methotrimeprazine *(Méthotriméprazine)*
Methscopolamine *(Methscopolamine)*
Methylprednisolone *(Méthylprednisolone)*
Methyl Salicylate *(Salicylate de méthyle)*
Methyltestosterone *(Méthyltestostérone)*
Metomidate *(Métomidate)*
Naloxone *(Naloxone)*
Nandrolone *(Nandrolone)*
Neostigmine *(Néostigmine)*
Nicotine *(Nicotine)*
Nikethamide *(Nikéthamide)*
Nux Vomica *(Nux Vomica)*
Penicillin G Procaine *(Pénicilline G Procaïne)*
Pentazocine *(Pentazocine)*
Pentobarbital *(Pentobarbital)*
Pentoxifylline *(Pentoxifylline)*
Phenacaine *(Phénacaïne)*
Pheniramine *(Phéniramine)*
Phenothiazine *(Phénothiazine)*
Phenylbutazone *(Phénylbutazone)*
Phenylephrine *(Phényléphrine)*
Pimobendan *(Pimobendane)*
Prednisolone *(Prednisolone)*

Prednisone *(Prednisone)*
Primidone *(Primidone)*
Prochlorperazine *(Prochlorpérazine)*
Propionylpromazine *(Propionylpromazine)*
Propofol *(Propofol)*
Pyrilamine *(Pyrilamine)*
Quinine *(Quinine)*
Ractopamine *(Ractopamine)*
Ramipril *(Ramipril)*
Resocortol (*Resocortol)*
Romifidine *(Romifidine)*
Salicylamide *(Salicylamide)*
Scopolamine *(Scopolamine)*
Secobarbital *(Sécobarbital)*
Selegiline *(Sélégiline)*
Sputolysin *(Sputolysine)*
Stanozolol *(Stanozolol)*
Strychnine *(Strychnine)*
Tepoxalin *(Tépoxaline)*
Testosterone *(Testostérone)*
Tetracaine *(Tétracaïne)*
Theophylline *(Théophylline)*
Thiamylal *(Thiamylal)*
Thiopental (*Thiopental)*
Tobacco *(Tabac)*
Tolazoline *(Tolazoline)*
Tolfenamic acid *(Acide tolfénamique)*
Trenbolone *(Trenbolone)*
Triamcinolone *(Triamcinolone)*
Tricaine *(Tricaïne)*
Trichlormethiazide *(Trichlorméthiazide)*
Trimeprazine *(Triméprazine)*
Tripelennamine *(Tripélennamine)*
Vedaprofen *(Védaprofène)*
Xylazine *(Xylazine)*
Yohimbine *(Yohimbine)*
Zeranol *(Zéranol)*

2. Drug	**Quantitative Limit**
Furosemide *(Furosémide)*	85 ng/mL in blood
Salicylic acid *(Acide salicylique)*	750 µg/mL in urine 6.5 µg/mL in blood

3. Drug	**Quantitative Limit**
Procaine *(Procaïne)*	25 ng/mL in blood

EXPLANATORY NOTES

A. SCHEDULE

The following substances are prohibited from occurring in official samples:

1. All substances not approved in Canada for use in veterinary medicine (this includes all human drugs and all foreign-available products),

2. Any substance in the list (this includes some substances approved in Canada for use in veterinary medicine),

3. Any substance that may interfere with the analysis of an official sample for scheduled substances, and

4. Any substance newly approved in Canada for a period of 240 days, and any substance for which the approval has been cancelled.

IMPORTANT
Each drug approved for sale in Canada is assigned a "Drug Identification Number" (D.I.N.), which is marked on the product label.
Veterinary drugs are marked "(For) Veterinary Use Only" or "(For) Agricultural Use Only" on the product label.
EXAMINE ALL PRODUCT LABELS CAREFULLY!

The guidelines in this booklet may not be consistent with foreign regulations and laboratory methods.

Provision has been made for quantitative limits for certain substances. An official sample will only be called positive for these substances if the concentration of the substance is greater than the quantitative limit, and any other regulatory conditions are met. For example, see note C (below).

B. PHENYLBUTAZONE

Phenylbutazone and its metabolites may be detected up to 96 hours after most phenylbutazone treatment regimens.

However, after 2 g IV phenylbutazone administration, either as a single dose or once daily for 5 days, confirmation of both phenylbutazone and a metabolite, hydroxyphenylbutazone, was limited to 48 hours.

The adjustment of analytical confirmation conditions for classification of an official sample containing phenylbutazone is only applicable to the dose, route of administration, and regimens described above.

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered. Agriculture and Agri-Food Canada is not responsible for results differing in any way from these results.

C. PENICILLIN G PROCAINE

Under certain conditions, quantitative analysis of a blood sample may be used as the basis for classification of a positive or negative with respect to procaine resulting from administration of penicillin G procaine products.

These conditions include:

1. The last administration of a product containing penicillin G procaine, at a dose up to 6 million IU, occurs at least 48 hours before the scheduled post time of the race for which the horse is entered.
2. The last administration of a product containing penicillin G procaine, at a dose up to 9 million IU, occurs at least 96 hours before the scheduled post time of the race for which the horse is entered. Dosages above 9 million IU may require a longer withdrawal than 96 hours.
3. Approved procedures are established for notifying provincial officials and collection personnel.
4. Approved procedures are established for collecting a blood sample.
5. A statement is made and a blood sample is provided according to the provisions of section 170 of the *Pari-Mutuel Betting Supervision Regulations*.

If all required conditions are met, a positive will not be classified for procaine unless the concentration in the blood sample is greater than 0.025 µg/mL, as described in paragraph 3 of the Schedule.

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered. Agriculture and Agri-Food Canada is not responsible for results differing in any way from these results.

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