

Cross-reactivity Data, Acro Biotech Rapid Drug Tests

Drug Tests

| Ref. No. | Test | Cutoff (ng/ml) |
|------------|----------------------------|----------------|
| 0117, 0118 | Amphetamine | 1000 |
| 0217, 0218 | Amphetamine | 300 |
| 0317, 0318 | Barbiturate | 300 |
| 0417, 0418 | Buprenorphine | 10 |
| 0517, 0518 | Benzodiazepine | 300 |
| 0538, 0539 | Benzodiazepine | 200 |
| 0617, 0618 | Cocaine | 300 |
| 0817, 0818 | MDMA | 500 |
| 1017, 1018 | Methamphetamine | 500 |
| 0917, 0918 | Methamphetamine | 300 |
| 1117, 1118 | Methadone | 300 |
| 1217, 1218 | Opiates (morphine) | 2000 |
| 1317, 1318 | Morphine | 300 |
| 1417, 1418 | Oxycodone | 100 |
| 1517, 1718 | Phencyclidine | 25 |
| 1617, 1618 | Tricyclic anti-depressants | 1000 |
| 1717, 1718 | THC | 50 |
| 1817, 1818 | Propoxyphene | 300 |
| 1767, 1768 | Ketamine | 250 |

NON-RELATED COMPOUNDS

The following compounds were tested at >10ug/ml concentration with the above tests and found non-cross reactive.

| | |
|---------------------------------|---------------------|
| (+)-Chlorpheniramine | Lidocaine |
| (+)-Naproxen | L-Lysine |
| (+/-)-Chlorpheniramine | Loperamide HCl |
| (+/-)-Epinephrine | Loratadine |
| (+/-)-Isoproterenol | Lutein |
| (+/-)-Norephedrine | Lycopene |
| (1R, 2S)-(-)-N-Methyl-Ephedrine | Magnesium |
| 1-Phenylephrine | Magnesium Hydroxide |
| 4-Dimethylaminoantipyine | Manganese |
| Acetaminophen | Meclizine HCl |
| Acetone | Molybdenum |
| Active Gradients | Naproxen Sodium |
| Albumin | Niacin |
| Ampicillin | Niacinamide |
| Ascorbic Acid | Nicotine |
| Aspartame | Nikel |
| Aspirin | Oxalic Acid |
| Atropine | Oxymetazoline HCl |
| b -Phenylethylamine | Pantothenic Acid |
| Benzocaine | Penicillin-G |
| Bilirubin | Pheniramine |
| Biotin | Phenothiazine |
| Caffeine | Phenylephrine HCl |
| Calcium | phosphorus |
| Calcium Carbonate | potassium |
| chloride | Procaine |
| Chloroquine | Pseudoephedrine HCl |
| Chlorpheniramine Maleate | Quinidine |
| Chromium | Ranitidine |
| Citric Acid | Riboflavin |
| Copper | Selenium |
| Creatine | Silicon |
| Dexbrompheniramine | Simethicone |
| Dextromethorphan Hydrobromide | Sodium Bicarbonate |
| Dextromethorphan | Sodium Chloride |
| Dimenhydrinate | Sulindac |
| Diphenhydramine HCl | Theophylline |
| Dopamine | Thiamin |

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Doxylamine Succinate
Erythromycin
Ethanol
Famotidine
Folic Acid
Furosemide
Glucose
Guaifenesin
Ibuprofen
Iodine
Iron
Ketamine
Levorphanol

Tin
Tyramine
Vanadium
Vitamin B6
Vitamin A
Vitamin B12
Vitamin B6
Vitamin C
Vitamin D
Vitamin E
Vitamin K
Zinc

DRUG RELATED COMPOUNDS

-Compounds structurally related to the testing drugs and lowest concentrations (ng/ml) that yield positive test results.

Amphetamine, 1000ng/m

| | |
|-------------------|---------|
| d-Amphetamine | 1000 |
| dl-Amphetamine | 2,500 |
| d-Methamphetamine | >10,000 |
| (+/-)MDMA | >10,000 |

Amphetamine, 300ng/ml

| | |
|-------------------|---------|
| d-Amphetamine | 300 |
| dl-Amphetamine | 800 |
| d-Methamphetamine | >10,000 |
| (+/-)MDMA | >10,000 |

Barbiturate, 300ng/ml

| | |
|---------------|------|
| Amobarbital | 2500 |
| Butobarbital | 1250 |
| Pentobarbital | 1250 |

Buprenorphine, 10ng/ml

| | |
|-------------------------------|---------|
| Buprenorphine | 10 |
| Norbuprenorphine | 16 |
| Hydrocodone | >10,000 |
| Hydromorphone | >10,000 |
| Morphine | >10,000 |
| Morphine-3-beta-D-Glucuronide | >10,000 |
| Methadone | >10,000 |
| Oxicodone | >10,000 |
| Cis-Tramadol | >10,000 |
| N-Desmethyl-cis-tramadol | >10,000 |
| o-Desmethyl-cis-tramadol | >10,000 |
| Codein | >10,000 |

Benzodiazepine, 300ng/ml oxazepam

| | |
|---------------------|-------|
| Oxazepam | 300 |
| Alprazolam | 10 |
| a-Hydroxyalprazolam | 10 |
| Bromazepam | 1,562 |
| Chlordiazepoxide | 1,562 |

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| | |
|--------------------------|--------|
| Chlorodiazepoxide HCl | 781 |
| Clobazam | 98 |
| Clonazepam | 781 |
| Clorazepate dipotassium | 195 |
| Delorazepam | 1,562 |
| Desalkylflurazepam | 390 |
| Diazepam | 195 |
| Estazolam | 2,500 |
| Flunitrazepam | 390 |
| (+/-) Lorazepam | 1,562 |
| RS-Lorazepam glucuronide | 156 |
| Midazolam | 12,500 |
| Nitrazepam | 98 |
| Norchlordiazepoxide | 195 |
| Nordiazepam | 390 |
| Oxazepam | 300 |

Cross-reactivity Data, Acro Biotech Rapid Drug Tests

| | |
|-----------|-------|
| Temazepam | 98 |
| Triazolam | 2,500 |

Benzodiazepine, 200ng/ml

| | |
|--------------------------|------|
| Oxazepam | 200 |
| Alprazolam | 8 |
| a-Hydroxyalprazolam | 8 |
| Bromazepam | 1000 |
| Chlordiazepoxide | 1000 |
| Chlordiazepoxide HCl | 500 |
| Clobazam | 60 |
| Clonazepam | 520 |
| Clorazepate dipotassium | 140 |
| Delorazepam | 1050 |
| Desalkylflurazepam | 260 |
| Diazepam | 140 |
| Estazolam | 1600 |
| Flunitrazepam | 260 |
| (+/-) Lorazepam | 1050 |
| RS-Lorazepam glucuronide | 100 |
| Midazolam | 8400 |
| Nitrazepam | 60 |
| Norchlordiazepoxide | 140 |
| Nordiazepam | 260 |
| Oxazepam | 200 |
| Temazepam | 60 |
| Triazolam | 1600 |

Cocaine, 300ng/ml

| | |
|-----------------------|--------|
| Cocaine | 300 |
| Benzoylcegonine | 300 |
| Cocaethylene | 7,500 |
| Ecgonine Methyl Ester | 15,000 |
| Ecgonine | 15,000 |

Ketamine, 250ng/ml

| | |
|--------------------|------------|
| Ketamine | 250 |
| Norketamine | |

MDMA 500ng/ml

No cross-reaction when tested at 100ug/ml

No cross-reaction when tested at 100ug/ml

| | |
|---|-----|
| (+/-) 3,4-MDA | 500 |
| (+/-)-3,4-methylenedioxymethamphetamine (MDMA) | 500 |
| (+/-)-3,4-methylenedioxyethylamphetamine (MDEA) | 40 |

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| | |
|-------------------|----------|
| d-Methamphetamine | >100,000 |
| d-Amphetamine | >100,000 |

Methamphetamine, 500ng/ml

| | |
|-------------------|----------|
| d-Methamphetamine | 500 |
| d-Amphetamine | 50,000 |
| l-Amphetamine | >100,000 |
| (+/-)3,4-MDEA | 50,000 |
| (+/-)3,4-MDA | >10,000 |
| (+/-)3,4-MDMA | 2,000 |
| l-Methamphetamine | 10,000 |
| Ephedrine | >10,000 |
| Mephentermine | >10,000 |
| Ranitidine | 600 |

Methamphetamine, 300ng/ml

| | |
|-------------------|----------|
| d-Methamphetamine | 300 |
| d-Amphetamine | 30,000 |
| l-Amphetamine | >100,000 |
| (+/-)3,4-MDEA | 30,000 |
| (+/-)3,4-MDA | >10,000 |
| (+/-)3,4-MDMA | 2,000 |
| l-Methamphetamine | 3,000 |
| Ephedrine | >10,000 |
| Mephentermine | >10,000 |
| Ranitidine | 400 |

Methadone, 300ng/ml

| | |
|------------------|-----------------|
| Methadone | 300ng/ml |
|------------------|-----------------|

Opiates, 2000ng/ml morphine

| | |
|-------------------------------|---------|
| Morphine | 2,000 |
| Buprenorphine | >10,000 |
| Norbuprenorphine | >10,000 |
| Hydrocodone | 250 |
| Hydromorphone | 500 |
| Morphine-3-beta-D-Glucuronide | 500 |
| Methadone | >10,000 |
| Oxycodone | 250 |
| Cis-Tramadol | >10,000 |
| N-Desmethyl-cis-tramadol | >10,000 |
| o-Desmethyl-cis-tramadol | >10,000 |
| Codein | 100 |

Morphine, 300ng/ml

| | |
|-------------------------------|---------|
| Morphine | 300 |
| Buprenorphine | >10,000 |
| Norbuprenorphine | >10,000 |
| Hydrocodone | 39 |
| Hydromorphone | 78 |
| Morphine-3-beta-D-Glucuronide | 78 |
| Methadone | >10,000 |
| Oxycodone | 39 |

Cross-reactivity Data, Acro Biotech Rapid Drug Tests

| | |
|--------------------------|---------|
| Cis-Tramadol | >10,000 |
| N-Desmethyl-cis-tramadol | >10,000 |
| o-Desmethyl-cis-tramadol | >10,000 |
| Codein | 16 |

Oxycodone, 100ng/ml

| | |
|-------------|---------|
| Oxycodone | 100 |
| Hydrocodone | 313 |
| Morphine | >10,000 |

Phencyclidine, 25ng/ml

| | |
|---------------|----|
| Phencyclidine | 25 |
|---------------|----|

Tricyclic anti-depressants, 1000ng/ml

| | |
|---------------|--------|
| Nortriptyline | 10,000 |
| Doxepin | 2,500 |
| Clomipramine | 2,500 |
| Protriptyline | 5,000 |
| Amitriptyline | 312 |
| Despramine | 156 |
| Imipramine | 156 |

THC, 50ng/ml

| | |
|-------------------------------------|--------------------|
| 11nor-delta-9-THC-9-COOH | 50 |
| 11-hydroxy-delta-9-THC | 1,000 |
| Delta-8-tetrahydrocannabinol | 5,000 |
| Delta-9-tetrahydrocannabinol | |
| Cannabnol | 10,000 |
| Cannabidiol | >100,000 |

Propoxyphene, 300ng/ml

| | |
|--------------|-----|
| Propoxyphene | 300 |
|--------------|-----|