

APPENDIX—Toxicology Drug Screens—Decision Limits

COMPREHENSIVE URINE DRUG SCREEN

The Comprehensive Urine Drug Screen includes qualitative analysis for drugs listed below. Other drugs may or may not be detected. Please contact laboratory with questions.

| <i>Test</i> | <i>Decision Limit</i> |
|--------------------------------|-----------------------|
| Acetaminophen | 5000 ng/mL |
| Amphetamine | 1000 ng/mL |
| Barbiturates | 300 ng/mL |
| Benzodiazepines | 100 ng/mL |
| Caffeine..... | 1000 ng/mL |
| Carbamazepine..... | 1000 ng/mL |
| Cocaine | 150 ng/mL |
| Cyclobenzaprine | 500 ng/mL |
| Diphenhydramine..... | 1000 ng/mL |
| Ephedrine | 3000 ng/mL |
| Ethanol | 40 mg/dL |
| Meperidine | 1000 ng/mL |
| Meprobamate | 3000 ng/mL |
| Methadone | 150 ng/mL |
| Methamphetamine..... | 1000 ng/mL |
| Nicotine..... | 1000 ng/mL |
| Opiates | 300 ng/mL |
| Pentazocine | 1000 ng/mL |
| Phencyclidine | 25 ng/mL |
| Phenothiazines | 1000 ng/mL |
| Phentermine | 500 ng/mL |
| Phenylpropanolamine..... | 3000 ng/mL |
| Propoxyphene | 300 ng/mL |
| Quinine/Quinidine..... | 100 ng/mL |
| Salicylates | 100 mcg/mL |
| THC (Cannabis)..... | 25 ng/mL |
| Tricyclic Antidepressants..... | 500 ng/mL |

SERUM DRUG SCREEN

| <i>Test.....</i> | <i>Decision Limit</i> |
|--------------------------------|--------------------------------|
| Acetaminophen | 10 mcg/mL |
| Amphetamines | 500 ng/mL |
| Barbiturates | 150 ng/mL |
| Benzodiazepines | 100 ng/mL |
| Cocaine | 150 ng/mL |
| Ethanol | 10 mg/dL |
| Methadone | 150 ng/mL |
| Opiates | 150 ng/mL |
| PCP | 12 ng/mL |
| Propoxyphene | 150 ng/mL |
| Salicylates | 5.0 mcg/mL |
| THC | 50 ng/mL |
| Tricyclic Antidepressants..... | Dependent on TAD identified |

APPENDIX—Toxicology
Drug Screens—Decision Limits

| FORENSIC DRUG ABUSE SCREEN | | |
|--------------------------------------|------------------------------|---------------------|
| <i>Decision Levels</i> | | |
| <i>Drugs Included</i> | <i>Cutoff Concentrations</i> | |
| | <u>Screen</u> | <u>Confirmation</u> |
| Amphetamines | 1000 ng/mL | |
| Amphetamine | | 500 ng/mL |
| Methamphetamine | | 500 ng/mL |
| Methylenedioxymethamphetamine (MDMA) | | 500 ng/mL |
| Methylenedioxyamphetamine (MDA) | | 500 ng/mL |
| Barbiturates | 300 ng/mL | |
| Amobarbital | | 200 ng/mL |
| Barbital | | 200 ng/mL |
| Butalbital | | 200 ng/mL |
| Butabarbital | | 200 ng/mL |
| Pentobarbital | | 200 ng/mL |
| Phenobarbital | | 1000 ng/mL |
| Secobarbital | | 200 ng/mL |
| Benzodiazepines | 200 ng/mL | |
| Alprazolam (alpha-hydroxy) | | 100 ng/mL |
| Clonazepam (7-amino) | | 200 ng/mL |
| Flurazepam (2-hydroxyethyl) | | 200 ng/mL |
| Lorazepam | | 200 ng/mL |
| Nordiazepam | | 200 ng/mL |
| Oxazepam | | 200 ng/mL |
| Temazepam | | 200 ng/mL |
| Cocaine | 300 ng/mL | |
| Benzoylecgonine | | 150 ng/mL |
| Ethanol | 40 mg/dL | 40 mg/dL |
| Methadone | 300 ng/mL | |
| Methadone | | 200 ng/mL |
| EDDP | | 200 ng/mL |
| Opiates | 500 ng/mL | |
| Morphine | | 2000 ng/mL |
| Codeine | | 2000 ng/mL |
| Hydrocodone | | 400 ng/mL |
| Hydromorphone | | 400 ng/mL |
| Oxycodone | | 400 ng/mL |
| Phencyclidine | 25 ng/mL | 25 ng/mL |
| Propoxyphene | 300 ng/mL | |
| Norpropoxyphene | | 1000 ng/mL |
| THC (Cannabis) | 50 ng/mL | |
| 11-nor-9-carboxy-THC | | 15 ng/mL |

APPENDIX—Toxicology
Drug Screens—Decision Limits

| CLINICAL DRUG ABUSE SCREEN | | |
|--------------------------------------|------------------------------|---------------------|
| <i>Decision Levels</i> | <i>Cutoff Concentrations</i> | |
| <i>Drugs Included</i> | <u>Screen</u> | <u>Confirmation</u> |
| Amphetamines | 1000 ng/mL | |
| Amphetamine | | 100 ng/mL |
| Methamphetamine | | 100 ng/mL |
| Methylenedioxymethamphetamine (MDMA) | | 100 ng/mL |
| Methylenedioxyamphetamine (MDA) | | 100 ng/mL |
| Barbiturates | 300 ng/mL | |
| Amobarbital | | 40 ng/mL |
| Barbital | | 40 ng/mL |
| Butalbital | | 40 ng/mL |
| Butabarbital | | 40 ng/mL |
| Pentobarbital | | 40 ng/mL |
| Phenobarbital | | 200 ng/mL |
| Secobarbital | | 40 ng/mL |
| Benzodiazepines | 100 ng/mL | |
| Alprazolam (alpha-hydroxy) | | 20 ng/mL |
| Clonazepam (7-amino) | | 40 ng/mL |
| Flurazepam (2-hydroxyethyl) | | 40 ng/mL |
| Lorazepam | | 40 ng/mL |
| Nordiazepam | | 40 ng/mL |
| Oxazepam | | 40 ng/mL |
| Temazepam | | 40 ng/mL |
| Cocaine | 150 ng/mL | |
| Benzoylecgonine | | 30 ng/mL |
| Ethanol | 20 mg/dL | 20 mg/dL |
| Methadone | 150 ng/mL | |
| Methadone | | 100 ng/mL |
| EDDP | | 100 ng/mL |
| Opiates | 300 ng/mL | |
| Morphine | | 100 ng/mL |
| Codeine | | 100 ng/mL |
| Hydrocodone | | 100 ng/mL |
| Hydromorphone | | 100 ng/mL |
| Oxycodone | | 100 ng/mL |
| Phencyclidine | 25 ng/mL | 5 ng/mL |
| Propoxyphene | 300 ng/mL | |
| Norpropoxyphene | | 200 ng/mL |
| THC (Cannabis) | 25 ng/mL | |
| 11-nor-9-carboxy-THC | | 3 ng/mL |

APPENDIX—Toxicology
Drug Screens—Decision Limits

| DRUG SCREEN, PAIN MANAGEMENT PANEL | | |
|---|------------------------------|---------------------|
| <i>Decision Levels</i> | | |
| <i>Drugs Included</i> | <i>Cutoff Concentrations</i> | |
| | <u>Screen</u> | <u>Confirmation</u> |
| Amphetamines | 1000 ng/mL | |
| Amphetamine | | 100 ng/mL |
| Methamphetamine | | 100 ng/mL |
| Methylenedioxymethamphetamine (MDMA) | | 100 ng/mL |
| Methylenedioxyamphetamine (MDA) | | 100 ng/mL |
| Barbiturates | 300 ng/mL | |
| Amobarbital | | 40 ng/mL |
| Barbital | | 40 ng/mL |
| Butalbital | | 40 ng/mL |
| Butabarbital | | 40 ng/mL |
| Pentobarbital | | 40 ng/mL |
| Phenobarbital | | 200 ng/mL |
| Secobarbital | | 40 ng/mL |
| Benzodiazepines | 100 ng/mL | |
| Alprazolam (alpha-hydroxy) | | 20 ng/mL |
| Clonazepam (7-amino) | | 40 ng/mL |
| Flurazepam (2-hydroxyethyl) | | 40 ng/mL |
| Lorazepam | | 40 ng/mL |
| Nordiazepam | | 40 ng/mL |
| Oxazepam | | 40 ng/mL |
| Temazepam | | 40 ng/mL |
| Cocaine | 150 ng/mL | |
| Benzoylecgonine | | 30 ng/mL |
| Methadone | 150 ng/mL | |
| Methadone | | 100 ng/mL |
| EDDP | | 100 ng/mL |
| Opiates | 300 ng/mL | |
| Morphine | | 100 ng/mL |
| Codeine | | 100 ng/mL |
| Hydrocodone | | 100 ng/mL |
| Hydromorphone | | 100 ng/mL |
| Oxycodone | 100 ng/mL | 100 ng/mL |
| Phencyclidine | 25 ng/mL | 5 ng/mL |
| Propoxyphene | 300 ng/mL | |
| Norpropoxyphene | | 200 ng/mL |
| THC (Cannabis) | 25 ng/mL | |
| 11-nor-9-carboxy-THC | | 3 ng/mL |