

## APPENDIX—Toxicology Drug Screens—Decision Limits

---

### COMPREHENSIVE URINE DRUG SCREEN (UDS)

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 .....	500 ng/mL
Barbiturates .....	300 ng/mL
Benzodiazepines .....	100 ng/mL
Caffeine.....	500 ng/mL
Carbamazepine.....	1000 ng/mL
Cocaine .....	150 ng/mL
Cyclobenzaprine .....	500 ng/mL
Dextromethorphan .....	1000 ng/mL
Diphenhydramine.....	1000 ng/mL
Doxylamine.....	3000-4000 ng/mL
Ephedrine .....	3000 ng/mL
Ethanol .....	20 ng/mL
Meperidine .....	1000 ng/mL
Meprobamate .....	3000 ng/mL
Methadone .....	150 ng/mL
Methamphetamine.....	500 ng/mL
Methaqualone.....	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
Pseudoephedrine .....	3000 ng/mL
Quinine/Quinidine.....	100 ng/mL
Salicylates .....	100 mcg/mL
THC (Cannabis).....	25 ng/mL
Tricyclic Antidepressants.....	500 ng/mL

### SERUM DRUG SCREEN (SDS)

<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 mg/mL
THC .....	50 ng/mL
Tricyclic Antidepressants.....	Dependent on TAD identified

APPENDIX—Toxicology  
Drug Screens—Decision Limits

<b>FORENSIC DRUG ABUSE SCREEN</b>		
<i>Decision Levels</i>		
<i>Drugs Included</i>	<i>Cutoff Concentrations</i>	
	<u>Screen</u>	<u>Confirmation</u>
Amphetamines	500 ng/mL	
Amphetamine		250 ng/mL
Methamphetamine		250 ng/mL
Methylenedioxymethamphetamine (MDMA)		250 ng/mL
Methylenedioxyamphetamine (MDA)		250 ng/mL
Methylenedioxyethylamphetamine (MDEA)		250 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	150 ng/mL	
Benzoylecgonine		100 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
Oxymorphone		400 ng/mL
Phencyclidine	25 ng/mL	25 ng/mL
Propoxyphene	300 ng/mL	
Norpropoxyphene		300 ng/mL
THC (Cannabis)	50 ng/mL	
11-nor-9-carboxy-THC		15 ng/mL

APPENDIX—Toxicology  
Drug Screens—Decision Limits

<b>CLINICAL DRUG ABUSE SCREEN</b>		
<i>Decision Levels</i>	<i>Cutoff Concentrations</i>	
<i>Drugs Included</i>	<i>Screen</i>	<i>Confirmation</i>
Amphetamines	500 ng/mL	
Amphetamine		100 ng/mL
Methamphetamine		100 ng/mL
Methylenedioxyamphetamine (MDMA)		100 ng/mL
Methylenedioxyamphetamine (MDA)		100 ng/mL
Methylenedioxyethylamphetamine (MDEA)		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
Oxymorphone		100 ng/mL
Phencyclidine	25 ng/mL	5 ng/mL
Propoxyphene	300 ng/mL	
Norpropoxyphene		60 ng/mL
THC (Cannabis)	25 ng/mL	
11-nor-9-carboxy-THC		3 ng/mL

APPENDIX—Toxicology  
Drug Screens—Decision Limits

<b>DRUG SCREEN, PAIN MANAGEMENT PANEL</b>		
<i>Decision Levels</i>		
<i>Drugs Included</i>	<i>Cutoff Concentrations</i>	
	<u>Screen</u>	<u>Confirmation</u>
Amphetamines	500 ng/mL	
Amphetamine		100 ng/mL
Methamphetamine		100 ng/mL
Methylenedioxymethamphetamine (MDMA)		100 ng/mL
Methylenedioxyamphetamine (MDA)		100 ng/mL
Methylenedioxyethylamphetamine (MDEA)		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
Buprenorphine	5 ng/mL	
Buprenorphine		5 ng/mL
Norbuprenorphine		5 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
Oxymorphone		100 ng/mL
Phencyclidine	25 ng/mL	5 ng/mL
Propoxyphene	300 ng/mL	
Norpropoxyphene		60 ng/mL
THC (Cannabis)	25 ng/mL	
11-nor-9-carboxy-THC		3 ng/mL