

Drugs of Abuse Assay Specificity
Compounds the assay is designed to detect and levels at which the compounds have given a response approximately equivalent to the cut-off

	Salicylate SALYC	Acetaminophen ACTM	Alcohol ETOH	Amphetamines AMPH	Barbituates BARB	Benzodiazepines BENZ	Cocaine COC	Methadone METH	Opiates OPI	Phencyclidine PCP	Canabinoids THC
Units of measure → Cross-reactivity ↓	20 mg/dl	150 ug/ml	50 mg/dl	1000ng/ml methamphetamine ng/ml	200 ng/ml secobarbital ng/ml	200 ng/ml lormetazepam ng/ml	300 ng/ml benzoylcegonine ug/ml	300 ng/ml methadone ng/ml	300 ng/ml morphine ng/ml	25 ng/ml phencyclidine ng/ml	50 ng/ml THC carboxylic acid ng/ml
Isopropyl alcohol			increases ETOH								
Butanol			increases ETOH								
d-Amphetamine				1286 ng/ml							
d,l Amphetamine				2139							
d,l Methamphetamine				1564							
l-Amphetamine				10407							
Atomoxetine				not tested							
l-Methamphetamine				2273							
Methylenedioxyamphetamine (MDA)				3537							
Methylenedioxymethamphetamine (MDMA)				20538							
Methylenedioxyetamphetamine (MDEA)				18230							
d-Chloramphetamine				10 ug/ml							
Benzphetamine (metabolizes to amphetamine & methamphetamine)				1 ug/ml							
Bupropion				1038 ug/ml							
Chloroquine				3741 ug/ml							
l-Ephedrine				2242 ug/ml							
Fenfluramine				105 ug/ml							
Mephentermine				30 ug/ml							
Methoxyphenamine				331 ug/ml							
Nor-pseudoephedrine				188 ug/ml							
Phenmetrazine				9 ug/ml							
Phentermine				21 ug/ml							
Phenylpropanolamine (PPA)				133 ug/ml							
Propranolol				386 ug/ml							
Pseudoephedrine				5889 ug/ml							
Quinacrine				8293 ug/ml							
Tranylcypromine				126 ug/ml							
Tyramine				503 ug/ml							
Allobarbitol					354						
Aphenal					284						
Amobarbital					348						
Aprobarbital					275						
Barbital					1278						
5-Ethyl-5-(4-hydroxyphenyl)barbituric acid					927						
Butabarbital					274						
Butalbital					304						
Butobarbital					349						
Cyclopentobarbital					304						
Pentobarbital					252						
Phenobarbital					428-730						
Talbutal					194						
Thiopental					12405						
Alprazolam						91					
7-aminoclonazepam						3238					
7-aminoflunitrazepam						590					
Bromazepam						625					
Chlordiazepoxide						1330					
Clobazam						260					
Clonazepam						255					
Clorazepate						degrades rapidly to nordiazepam, oxazepam					
Clotiazepam						250					
Demoxepam						445					
N-Desalkylflurazepam						132					
N-Desmethyl diazepam						109					
Diazepam						98					
Estazolam						110					
Flunitrazepam						138					
Flurazepam						120					
Halazepam						113					
a-Hydroxyalprazolam						100					
a-Hydroxyalprazolam glucuronide						113					
1-N-Hydroxyethylflurazepam						150					
a-hydroxytriazolam						132					
Ketazolam						100					
Lorazepam						603					
Lorazepam glucuronide						>10000					
Medazepam						150					
Midazolam						130					
Nitrazepam						142					
Norchlordiazepoxide						2600					
Oxazepam						253					
Oxazepam glucuronide						>10000					
Prazepam						90					
Temazepam						140					
Temazepam glucuronide						6900					
Tetrazepam						41					
Triazolam						130					
Cocaine							64				
Ecgonine							28				
Ofloxacin							therapeutic doses				
Levofloxacin							therapeutic doses				
N,N Dimethyl-1-phenacylohexylamine (PCDE)								234			
1-(4-Hydroxypiperidino)phenylcyclohexane								237			
1-(1-Phenylcyclohexyl)morpholine (PCM)								41			
1-(1-Phenylcyclohexyl)pyrrolidine (PCPy)								54			
4-Phenyl-4-piperidino-cyclohexanol								32			
1-[1-(2-Thienyl)-cyclohexyl]morpholine (TCM)								80		80 ng/ml	
1-[1-(2-Thienyl)-cyclohexyl]piperidine (TCP)								24		24 ng/ml	
1-[1-(2-Thienyl)-cyclohexyl]pyrrolidine (TCPy)								50		50 ng/ml	
Dextromethorphan								12 ug/ml			
Dextrorphan								20 ug/ml			
Mesordazine								28 ug/ml			

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Codeine									102-306		
Dihydrocodeine									291		
Hydrocodone									247		
Hydromorphone									498		
Levallorphan									>5000		
Levorphanol									1048		
Meperidine									>15,000		
6-Acetylmorphine									435		
Morphine-3-Glycuronide									626		
Nalorphine									5540		
Naloxone									110,000		
Oxycodone									1500		
Oxymorphone									9300		
Note: Therapeutic doses of ofloxacin or levofloxacin, non-opiates, may produce positive results											
8-b-11-Dihydroxy-d9-THC											58
8-b-11-Hydroxy-d9-THC											68
11-Hydroxy-d8-THC											67
11-Hydroxy-d9-THC											77
9-Carboxy-11-nor-d9-THC-glucuronide											95
N,N Dimethyl-1-phenylcyclohexylamine (PCDE)										234 ng/ml	
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1-(1-phenylcyclohexyl)morpholine (PCM)										41 ng/ml	
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Mesoridazine										28 ug/ml	

Units of measure →
 Cross-reactivity ↓