

Options Lab Definitive (LC-MS/MS) Test Menu by Class

- All tests are performed by liquid chromatography-tandem mass spectrometry (LC-MS/MS).

| DRUG CLASS & COMPOUNDS | LCMSMS CUT-OFF |
|---------------------------------------|----------------|
| Amphetamines | |
| Amphetamine | 100 ng/ml |
| Methamphetamine | 100 ng/ml |
| MDMA | 100 ng/ml |
| MDA | 100 ng/ml |
| Methylphenidate | 10 ng/ml |
| Ritalinic Acid | 10 ng/ml |
| Phentermine | 100 ng/ml |
| Barbiturates | |
| Butalbital | 200 ng/ml |
| Phenobarbital | 200 ng/ml |
| Benzodiazepines | |
| Alprazolam metabolite | 20 ng/ml |
| Clonazepam metabolite | 20 ng/ml |
| Clonazolam metabolite | 20 ng/ml |
| Etizolam metabolite | 20 ng/ml |
| Lorazepam | 50 ng/ml |
| Midazolam metabolite | 20 ng/ml |
| Nordiazepam | 20 ng/ml |
| Oxazepam | 20 ng/ml |
| Temazepam | 20 ng/ml |
| Cannabinoids (Marijuana) | |
| Carboxy-THC (Marijuana) | 10 ng/ml |
| Carboxy-CBD7 (CBD) | 20 ng/ml |
| Illicit Drugs | |
| Benzoylcegonine (cocaine metabolite) | 50 ng/ml |
| Phencyclidine (PCP) | 25 ng/ml |
| Natural/Semi-synthetic Opiates | |
| 6-MAM (heroin metabolite) | 10 ng/ml |
| Codeine | 50 ng/ml |
| Hydrocodone | 20 ng/ml |
| Hydromorphone | 20 ng/ml |
| Morphine | 50 ng/ml |
| Oxycodone | 20 ng/ml |
| Oxymorphone | 20 ng/ml |
| Ethanol Biomarkers | |
| Ethyl Glucuronide (ETG) | 500 ng/ml |
| Ethyl Sulfate (ETS) | 200 ng/ml |

| DRUG CLASS & COMPOUNDS | LCMSMS CUT-OFF |
|--|----------------|
| Opioids/Synthetic Narcotics | |
| Buprenorphine | 5 ng/ml |
| Norbuprenorphine | 10 ng/ml |
| Naloxone (Narcan) | 20 ng/ml |
| Fentanyl | 1 ng/ml |
| Norfentanyl | 5 ng/ml |
| Normeperidine | 20 ng/ml |
| Methadone | 50 ng/ml |
| EDDP (methadone metabolite) | 50 ng/ml |
| Naltrexone (Vivitrol) | 20 ng/ml |
| Tapentadol | 20 ng/ml |
| Desmethyltapentadol | 20 ng/ml |
| Tramadol | 20 ng/ml |
| O-Desmethyltramadol | 50 ng/ml |
| Other | |
| Cotinine | 100 ng/mL |
| Dextromethorphan | 20 ng/ml |
| Dextroprphan | 20 ng/ml |
| Hydroxybupropion | 50 ng/ml |
| Gabapentin | 500 ng/ml |
| Ketamine | 20 ng/ml |
| Norketamine | 10 ng/ml |
| Meprobamate | 100 ng/ml |
| Mitragynine (Kratom) | 1 ng/ml |
| Pregabalin | 200 ng/ml |
| Zolpidem | 2 ng/ml |
| Carboxyzolpidem | 5 ng/ml |
| Sertraline | 50 ng/ml |
| Synthetic Cathinones (Bath Salts) | |
| MDPV | 10 ng/ml |
| Methylone | 10 ng/ml |
| Mephedrone | 10 ng/ml |



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