

Urine Drug Screen Panel

Standard urine drug screen detects 43 common drugs and their metabolites. Specimens are hydrolyzed followed by analysis by liquid chromatography/tandem mass spectrometry (LC-MS/MS) - the gold standard in urine drug testing with very little cross-reactivity. All drugs listed below are analyzed on each specimen, with only those detected above the stated cutoffs reported as positive.

The cut-offs are based upon **abuse levels**, not therapeutic levels. Please contact Toxicology (306-787-3197) for further information.

Creatinine, Alcohol, Barbiturates, and LSD are available upon request – must send second sample.

Amphetamines and Stimulants	Interpretative Notes	Cut-Off (ng/mL)
Methamphetamine		500
- Amphetamine	- Associated with multiple ADHD medications - may be present as parent compound or methamphetamine metabolite	500
MDMA (Methylenedioxymethamphetamine)		500
- MDA (Methylenedioxyamphetamine)	- may be present as parent compound, or MDMA metabolite or MDEA metabolite	500
MDEA (3,4-Methylenedioxy-N-ethylamphetamine)		500
Methylphenidate	- Tradename: Ritalin, Concerta	100
- Ritalinic Acid	- metabolite of methylphenidate	500

Cocaine	Interpretative Notes	Cut-Off (ng/mL)
Cocaine		150
- Benzoyllecgonine	- metabolite of cocaine	150

Benzodiazepines	Interpretative Notes	Cut-Off (ng/mL)
Diazepam	- Tradename: Valium	100
Nordiazepam	- may be present as parent compound or diazepam metabolite	100
Temazepam	- Tradename: Restoril - may be present as parent compound or diazepam metabolite	100
Oxazepam	- may be present as parent compound, or diazepam metabolite, or temazepam metabolite	100



Clonazepam		100
- 7-aminoclonazepam	- metabolite of clonazepam	100
Flunitrazepam		100
- 7-aminoflunitrazepam	- metabolite of flunitrazepam	100
Lorazepam	- Tradename: Ativan	100
Alprazolam	- Tradename: Xanax	100
- alpha-hydroxy-alprazolam	- metabolite of alprazolam	100
Flurazepam		100
- des alkyl flurazepam	- metabolite of flurazepam	100
Triazolam		100

Opioids & Related	Interpretative Notes	Cut-Off (ng/mL)
Morphine	- Tradename: MS-Contin, Kadian - may be present as parent compound, or codeine metabolite, or heroin metabolite	100
Codeine	- Tradename: Lenoltec	100
Hydrocodone	- Tradename: Vicodin - may be present as parent compound, or chronic codeine therapy metabolite, or high dosing metabolite	100
Hydromorphone	- Tradename: Dilaudid - may be present as parent compound, or chronic morphine therapy (metabolite), or high dosing metabolite; or hydrocodone metabolite	25
Oxycodone	- Tradename: OxyContin, OxyIR, Percocet	100
Fentanyl		25
- Norfentanyl	- metabolite of fentanyl	25
Methadone		100
- EDDP (2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidin)	- metabolite of methadone	100
Buprenorphine		5
- Norbuprenorphine	- metabolite of buprenorphine	10
Meperidine		100
- Normeperidine	- metabolite of meperidine	100

Other Sedatives and Hypnotics	Interpretative Notes	Cut-Off (ng/mL)
Ketamine		100



Cannabinoids	Interpretative Notes	Cut-Off (ng/mL)
THC-COOH (11-nor-9-carboxy-delta9-tetrahydrocannabinol)	- major metabolite of marijuana	20

Hallucinogens	Interpretative Notes	Cut-Off (ng/mL)
PCP (Phencyclidine)		25

Neuropathic pain	Interpretative Notes	Cut-Off (ng/mL)
Gabapentin	- Tradename: Neurontin	1000
Pregabalin	- Tradename: Lyrica	1000

Other	Interpretative Notes	Cut-Off (ng/mL)
Pseudoephedrine		100
Diphenhydramine		100