

## Urine Drug Screen w Confirmation (23 and 32 targets)

Target Drug	Cutoffs LC/MS	* Length of Positive - Urine	Common Names and Metabolism
<b>Amphetamines</b>			
Amphetamine	50 ng/mL	2 - 4 days	Adderal®, Dexedrine®, Vyvanse®
Methamphetamine	50 ng/mL		
MDMA	50 ng/mL	1 – 3 days	Ecstasy
MDA	50 ng/mL		Adam. Also a metabolite of MDMA
<b>Benzodiazepines</b>			
Oxazepam	50 ng/mL	2-6 days	Serax® Also a metabolite of Valium®, Librium®, Restoril®
Lorazepam	50 ng/mL		Ativan®
Nordiazepam	50 ng/mL		Metabolite of Valium®, Librium®
Temazepam	50 ng/mL		Restoril® Also a metabolite of Valium®
Alprazolam (Target α-OH)	50 ng/mL		Xanax®
Clonazepam (Target 7-amino)	50 ng/mL		Klonopin®
<b>Buprenorphine</b>			
Buprenorphine	5 ng/mL	2 – 4 days	Suboxone®, Butrans®
Norbuprenorphine	5 ng/mL		
<b>Cocaine</b>			
Benzoylcegonine (cocaine metabolite)	50 ng/mL	2 – 4 days	
<b>Fentanyl</b>			
Fentanyl	1 ng/mL	1 – 2 days	Duragesic®
Norfentanyl	1 ng/mL		
<b>Gabapentin</b>			
Gabapentin	1 mcg/mL		Neurontin®
<b>Marijuana</b>			
11-nor—9-carboxy-THC	10 ng/mL	1 – 3 days 21 – 27 days (chronic use)	
<b>Methadone</b>			
Methadone	50 ng/mL	1 – 8 days	Dolophine®
EEDP (Methadone metabolite)	50 ng/mL		
<b>Methylphenidate</b>			
Methylphenidate	10 ng/mL		Concerta®, Ritalin®
Ritalinic Acid	50 ng/mL		Primary metabolite of methylphenidate
<b>Opiates</b>			
Codeine	50 ng/mL	2 – 4 days	Tylenol 3® A small percentage of codeine can metabolize into hydrocodone.
Morphine	50 ng/mL		Avinza®, Kadian®, MS Contin®. Metabolite of codeine (10%). Metabolite of 6-MAM. Can also be seen in low concentrations with poppy seed ingestion(<2000 ng/mL).

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6-Monacetylmorphine (6-MAM)	10 ng/mL	1 day	Heroin Metabolite
Oxycodone	50 ng/mL	1 - 3 days	Endocet®, Percocet®, Oxycontin®
Oxymorphone	50 ng/mL		Numorphan®, Opana ER® Also a metabolite of oxycodone
Hydrocodone	50 ng/mL		Lortab®, Norco®, Vicodin®
Hydromorphone	50 ng/mL		Dilaudid®, Exalgo® Also a metabolite of hydrocodone and a minor (<5%) metabolite of morphine
<b>Pregabalin</b>			
Pregabalin	1 mcg/mL		Lyrica®
<b>Tramadol</b>		2 – 4 days	
Tramadol	50 ng/mL		Ultram®
Tramadol metabolite	50 ng/mL		

\* These are general guidelines only. Values for any given situation or individual are dependent on multiple factors. Consultation with a toxicologist may be necessary. Baselt, R. C. (2017 11th edition). Disposition of toxic drugs and chemicals in man. Foster City, CA: Biomedical Publications.

Updated: 5/16/2022