

Drug Retention Time in Urine

From MayoMedicalLaboratories.com

All Specific Drug Groups

	LOQ (ng/mL)*	Detection time up to**
<u>Amphetamine-Type Stimulants</u>		
Amphetamine	50	3 days
Methamphetamine	50	3 days
3,4-Methylenedioxyamphetamine (MDA)	50	2 days
3,4-Methylenedioxymethamphetamine (MDMA)	50	2 days
Pentermine	50	
Ephedrine/pseudoephedrine	N/A	5 days
<u>Barbiturates</u>		
Long-Acting		
Phenobarbital	100	15 days
Intermediate-Acting		
Butalbital	100	7 days
Amobarbital	100	3 days
Short-Acting		
Pentobarbital	100	3 days
Secobarbital	100	3 days
<u>Benzodiazepines</u>		
Long-Acting		10 days
Diazepam	100	
Nordiazepam	100	
Intermediate-Acting		5 days
Alprazolam	100	
Lorazepam	100	
Oxazepam	100	
Temazepam	100	
Chlordiazepoxide	100	
Clonazepam	100	
Flunitrazepam	50	
Short-Acting		2 days
Triazolam	100	
Flurazepam	100	
<u>Buprenorphine</u>		
Buprenorphine	0.5	7 days
Norbuprenorphine	0.5	7 days

<u>Cocaine & Metabolite</u>		
Cocaine	50	<1 day
Benzoylcegonine	50	5 days
<u>Fentanyl</u>		
Fentanyl	0.2	3 days
Norfentanyl	1.0	3 days
<u>Ketamine</u>		
Ketamine	25	2 days
Norketamine	25	2 days
<u>Lysergic Acid Diethylamide (LSD)</u>		
LSD	0.5	<1 day
2-Oxo-3-hydroxy-LSD	5	5 days
<u>Marijuana/Cannabis (THC-COOH)</u>		
Single Use	3	3 days
Moderate Use (4 times per week)		5 days
Heavy Use (daily)		10 days
Chronic Heavy Use		30 days
Oral Ingestion		1-5 days
Passive Inhalation		No detection
<u>Synthetic Cannabinoids</u>		
Single Use		72 hours
Prolonged Use		Unknown
<u>Methadone</u>		
Methadone	100	7 days
EDDP (methadone metabolite)	100	7 days
<u>Methaqualone</u>		
Methaqualone	100	6 days
<u>Opiates</u>		
6-MAM	5	1 day
Morphine	100	3 days
Codeine	100	3 days
Hydrocodone	100	3 days
Hydromorphone	100	3 days
Oxycodone	100	3 days
Oxymorphone	100	3 days

* LOQ = Limit of quantification. The lowest amount of something that is detectable.

**These are approximate detection times for the drug or metabolites in urine. The actual detection time depends on dose, frequency of use, and individual metabolism.

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