

Urine Toxicology Screen (LAB500)

Screen Component	Cutoff (ng/mL)	Window of Detection*	Antibody Target(s)	Notable cross reactivity**
Amphetamines	500	1-3 days	D-Amphetamine and D-Methamphetamine	Patients taking Bupropion, Selegiline, Vyvanse (lisdexamfetamine) and Trazadone (mCPP metabolite) may screen positive. Ritalin (methylphenidate) does not cross react.
Barbiturates	200	1-21 days	Secobarbital	
Benzodiazepines	200	1-3 days	Diazepam	Limited detection of lorazepam (Ativan), oxazepam (Serax), temazepam (Restoril) glucuronide conjugates. Patients taking Clonazepam may screen negative due to limited cross reactivity of the major metabolite 7-aminoclonazepam.
Buprenorphine	5		Buprenorphine and Norbuprenorphine	Limited detection of glucuronide conjugates.
Cannabinoids (THC)	20	1-20 days	Δ 9-Tetrahydrocannabinol (Δ 9-THC)	Patients taking CBD products may screen positive due to cannabinol (CBN).
Cocaine (metabolite)	150	1-2/3 days	Benzoyllecgonine	
Fentanyl	1	3-14 days	Fentanyl	Norfentanyl reactivity is 7%. Reacts with some designer fentanyl analogs.
Methadone	300	3-16 days	Methadone	
Opiates	300	1-5 days	Morphine	Primary detection is morphine, codeine, hydrocodone, hydromorphone and heroin metabolites. Patients taking ofloxacin and levofloxacin (Levaquin) may screen positive.
Oxycodone	100		Oxycodone	Oxymorphone reactivity is 85%. Limited cross reactivity with Noroxycodone and Noroxymorphone metabolites.

*Duration of detection depends upon dose, frequency, patient metabolism, renal function, and hydration status.

**For a toxicology consult or for an expanded list of drug cross reactivity please contact the laboratory (984-974-2361).