



Specimen hydrolysis performed prior to analysis by liquid chromatography/mass spectrometry (LC-MS/MS) allowing detection of both free and conjugated drug. All drugs listed are analyzed on each specimen. Only drug or drug metabolites detected above stated cutoffs are reported.

Creatinine is reported on all specimens. Drugs may be missed or reported as not detected in specimens where the creatinine is ≤ 1.80 mmol/L.

Amphetamines	Interpretive Notes	Cut-Off (ng/mL)
Methamphetamine		50
- Amphetamine	Amphetamine can be drug on its own as well as a metabolite of Methamphetamine	50
MDMA (Methylene Dioxymethamphetamine)		50
- MDA (Methylene Dioxyamphetamine)	MDA can be a drug on its own as well as a metabolite of MDMA	50

Cocaine	Interpretive Notes	Cut-Off (ng/mL)
- Benzoylcegonine	Metabolite of cocaine	100

Benzodiazepines	Interpretive Notes	Cut-Off (ng/mL)
Diazepam	Metabolized to nordiazepam, temazepam and oxazepam	50
Demoxepam	Metabolite of chlordiazepoxide, further metabolized to oxazepam	50
Nordiazepam	Metabolite of diazepam and chlordiazepoxide, further metabolized to oxazepam	50
Temazepam	Metabolite of diazepam, metabolized to oxazepam	50
- Oxazepam	Metabolite of diazepam, temazepam and chlordiazepoxide	50
7-Aminoclonazepam	Metabolite of clonazepam	50
Midazolam		50
Lorazepam		50
Alprazolam		50
- α -Hydroxyalprazolam	Metabolite of alprazolam	50
α -Hydroxytriazolam	Metabolite of triazolam	50
7-Aminonitrazepam	Metabolite of nitrazepam	50
Bromazepam		50
Clobazam		50
- Norclobazam	Metabolite of clobazam	50
Zopiclone		50
- N-Desmethylzopiclone	Metabolite of zopiclone	50
Zolpidem		50



Opioids & Related	Interpretive Notes	Cut-Off (ng/mL)
Heroin (Diacetylmorphine)	Metabolized to 6-monoacetylmorphine and morphine	50
- 6-MAM (6-monoacetylmorphine)	Metabolite of heroin (diacetylmorphine)	10
Morphine	Morphine can be a drug on its own or a metabolite of 6-monoacetylmorphine or codeine	50
Codeine	Metabolized to morphine, norcodeine and hydrocodone	50
- Norcodeine	Norcodeine can be a drug on its own or a metabolite of codeine	50
- Hydrocodone	Hydrocodone can be a drug on its own or a metabolite of codeine	10
Hydromorphone	Hydromorphone is a drug on its own, but is also a minor metabolite of morphine	50
Fentanyl		10
- Norfentanyl	Metabolite of fentanyl	10
Oxycodone	Metabolized to oxymorphone and noroxycodone	50
- Noroxycodone	Metabolite of oxycodone	50
Methadone		50
- EDDP (2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidin)	Metabolite of methadone	50
Buprenorphine		10
- Norbuprenorphine	Metabolite of buprenorphine	10