

## CUTOFFS FOR BENCHMARK UDT™ - LC/MS/MS

Analyte	Cutoff, ng/mL	Analyte	Cutoff, ng/mL	Analyte	Cutoff, ng/mL
6-Acetylmorphine	5	Meprobamate	100	Ethyl Glucuronide (EtG)	1000
7-Aminoclonazepam	50	Morphine	50	Ethyl Sulfate (EtS)	250
Alprazolam	50	Naloxone	10	9-Hydroxyrisperidone	5
a-hydroxy-Alprazolam	50	Naltrexone	50	Aripiprazole	5
Amitriptyline	50	Norbuprenorphine	10	Clozapine	5
Amphetamine	50	Nordiazepam	50	Dehydroaripiprazole	5
Benzoyllecgonine	50	Norfentanyl	10	Haloperidol	5
Buprenorphine	5	Norhydrocodone	50	Lurasidone	5
Butalbital	200	Normeperidine	100	N-desmethyloclozapine	5
Carisoprodol	100	Noroxycodone	50	Olanzapine	5
Citalopram	50	Nortriptyline	50	Quetiapine	5
Codeine	50	Norfluoxetine	100	Risperidone	5
Cotinine	100	Oxazepam	50	Ziprasidone	5
Cyclobenzaprine	50	Oxycodone	50		
Desipramine	50	Oxymorphone	50	Norquetiapine	5
Dextromethorphan	50	Paroxetine	100		
Diazepam	50	Phencyclidine	10		
Diphenhydramine	50	Phenobarbital	200		
Duloxetine	50	Phentermine	50		
EDDP	100	Pregabalin	500		
Fentanyl	2	Ritalinic Acid	50		
Fluoxetine	100	Secobarbital	200		
Gabapentin	500	Sertraline (Zoloft)	5		
Hydrocodone	50	Tapentadol	100		
Hydromorphone	50	Temazepam	50		
Hydroxy-Bupropion	10	THC-COOH	10		
Imipramine	50	Tramadol	100		
Ketamine	50	O-desmethyl-Tramadol	100		
Lorazepam	50	Trazadone	25		
MDMA	50	mCPP (Trazadone metabolite)	25		
Meperidine	100	Venlafaxine	50		
Meprobamate	100	O-desmethyl-Venlafaxine	50		
Methadone	100	Zolpidem	5		
Methamphetamine	50				
Meperidine	100				