

Assay	Test/Analyte Name	Brand Name	Screen Method	Screen Cut off	Confirm Method	Confirm Cut Off	Detection Times** *urine pH dependent
6-Acetylmorphine	6-Acetylmorphine (Heroin metabolite)		EIA	10 ng/mL			
	• 6-Acetylmorphine (Heroin)				LC-MS/MS	10 ng/mL	up to 8 hrs
	• Codeine	Tylenol #3®			LC-MS/MS	50 ng/mL	up to 4 days
	• Dihydrocodeine	Synalgos® & metabolite			LC-MS/MS	50 ng/mL	up to 24 hrs
	• Hydrocodone	Vicodin®, Lortab®, Norco®, Lorcet®			LC-MS/MS	50 ng/mL	up to 4 days
	• Hydromorphone	Dilaudid®, Exalgo®			LC-MS/MS	50 ng/mL	up to 4 days
	• Morphine	MS Contin®, MSIR®, Avinza®, Kadian®, Oramorph®, Roxanol®			LC-MS/MS	50 ng/mL	up to 4 days
	• Norhydrocodone				LC-MS/MS	50 ng/mL	up to 4 days
Acetyl Fentanyl	Acetyl Fentanyl			N/A			
	• Acetyl Fentanyl				LC-MS/MS	0.5 ng/mL	N/A
Amphetamines	Amphetamines		EIA	300 ng/mL			
	• Amphetamine	Adderall®, Vyvanse®, Didrex®, Dexedrine®			LC-MS/MS	100 ng/mL	up to 9 days*
	• Methamphetamine	Desoxyn®			LC-MS/MS	100 ng/mL	up to 9 days*
Antidepressants (SSRI/SNRI)	Antidepressants (SSRI/SNRI)						
	• Duloxetine	Ariclaim®, Cymbalta®			LC-MS/MS	50 ng/mL	up to 3 days
	• Fluoxetine	Oxactin®, Prozac®, Fentora®, Sarafem®			LC-MS/MS	100 ng/mL	up to 15 days
	• Norfluoxetine				LC-MS/MS	100 ng/mL	up to 15 days
	• Sertraline	Lustral®, Zoloft®			LC-MS/MS	100 ng/mL	up to 9 days
Antidepressants (TCA)	Antidepressants (TCA)						
	• Amitriptyline	Elavil®, Endep®			LC-MS/MS	100 ng/mL	up to 11 days
	• Desipramine	Norpramin® Tofranil® (imipramine metabolite)			LC-MS/MS	50 ng/mL	up to 13 days
	• Nordoxepin	Sinequan® (doxepin metabolite)			LC-MS/MS	50 ng/mL	up to 5 days
	• Nortriptyline	Allegron®, Aventyl®, Pamelor®			LC-MS/MS	100 ng/mL	up to 11 days
Antihistamines	Antihistamines						
	• Brompheniramine				LC-MS/MS	100 ng/mL	up to 7 days
	• Chlorpheniramine	Chlor-Trimeton®, Coricidin®			LC-MS/MS	100 ng/mL	up to 9 days*
	• Diphenhydramine	Benadryl®, Sominex®, Unisom®			LC-MS/MS	20 ng/mL	up to 3 days
	• Doxylamine	Bendectin®, Unisom®			LC-MS/MS	100 ng/mL	up to 3 days
	• Pheniramine	Avril®			LC-MS/MS	100 ng/mL	up to 5 days
Barbiturates	Barbiturates		EIA	200 ng/mL			
	• Amobarbital/Pentobarbital	Amytal®/Nembutal®			LC-MS/MS	100 ng/mL	up to 3 days
	• Butalbital	Fioricet®			LC-MS/MS	100 ng/mL	up to 7 days
	• Phenobarbital	Luminal®, Mysoline® (primidone metabolite)			LC-MS/MS	100 ng/mL	up to 16 days
	• Secobarbital	Seconal®			LC-MS/MS	100 ng/mL	up to 3 days
Benzodiazepines	Benzodiazepines		EIA	50 ng/mL			
	• Alprazolam Metabolite	Xanax®			LC-MS/MS	50 ng/mL	up to 5 days
	• Clonazepam Metabolite	Klonopin®, Rivotril®			LC-MS/MS	50 ng/mL	up to 5 days
	• Estazolam	Eurodin®, Prosom®			LC-MS/MS	50 ng/mL	up to 6 days
	• Flunitrazepam Metabolite	Narcozep®, Rohypnol®			LC-MS/MS	50 ng/mL	up to 7 days
	• Flurazepam Metabolite	Dalmane®			LC-MS/MS	50 ng/mL	up to 2 days
	• Lorazepam	Ativan®			LC-MS/MS	50 ng/mL	up to 5 days
	• Midazolam Metabolite	Versed®			LC-MS/MS	50 ng/mL	up to 24 hrs
	• Nitrazepam Metabolite	Hypnotex®			LC-MS/MS	50 ng/mL	up to 10 days
	• Nordiazepam				LC-MS/MS	50 ng/mL	up to 10 days
	• Oxazepam	Serax®			LC-MS/MS	50 ng/mL	up to 7 days
	• Temazepam	Restoril®			LC-MS/MS	50 ng/mL	up to 5 days
	• Triazolam Metabolite	Halcion®			LC-MS/MS	50 ng/mL	up to 2 days

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Buprenorphine	Buprenorphine		EIA	5 ng/mL			
	• Buprenorphine	Belbuca®, Bunavail®, Buprenex®, Butrans®, Suboxone®, Subutex®			LC-MS/MS	5 ng/mL	up to 7 days
	• Norbuprenorphine				LC-MS/MS	5 ng/mL	up to 7 days
Buprenorphine & Naloxone	Buprenorphine & Naloxone		EIA	5 ng/mL			
	• Buprenorphine	Belbuca®, Bunavail®, Buprenex®, Butrans®, Suboxone®, Subutex®			LC-MS/MS	5 ng/mL	up to 7 days
	• Naloxone	Narcan®, Ingredient of Suboxone®			LC-MS/MS	5 ng/mL	up to 3 days
	• Norbuprenorphine				LC-MS/MS	5 ng/mL	up to 7 days
Butorphanol	Butorphanol			N/A			
	• Butorphanol	Dolorex®, Stadol®			LC-MS/MS	50 ng/mL	up to 4 days
Carisoprodol/Meprobamate	Carisoprodol/Meprobamate		EIA	100 ng/mL			
	• Meprobamate	Miltown®, Soma® (carisoprodol metabolite)			LC-MS/MS	100 ng/mL	up to 3 days
Cocaine Metabolite	Cocaine Metabolite		EIA	150 ng/mL			
	• Cocaine Metabolite				LC-MS/MS	50 ng/mL	up to 3 days
Dextromethorphan	Dextromethorphan			N/A			
	• Dextromethorphan	DayQuil®, NyQuil®, Robitussin®, Romilar®			LC-MS/MS	20 ng/mL	up to 1 day (fast metabolizer); 9 days (slow metabolizer)
Diphenhydramine	Diphenhydramine			N/A			
	• Diphenhydramine	Benadryl®, Nytol®, Sominex®, Unisom®, Vicks ZzzQuil®			LC-MS/MS	20 ng/mL	up to 4 days
Ecstasy	Ecstasy		EIA	300 ng/mL			
	• MDA				LC-MS/MS	200 ng/mL	up to 2 days
	• MDEA				LC-MS/MS	200 ng/mL	up to 2 days
	• MDMA				LC-MS/MS	200 ng/mL	up to 2 days
Ethyl Alcohol	Ethanol (Alcohol)		EIA	20 mg/dL			
	• Ethanol (Alcohol)				HSGC/FID	20 mg/dL	up to 2-24 hrs
ETG/ETS	ETG/ETS		EIA	100 ng/mL			
	• Ethylglucuronide				LC-MS/MS	500 ng/mL	up to 80 hrs
	• Ethylsulfate				LC-MS/MS	100 ng/mL	up to 80 hrs
Fentanyl	Fentanyl		EIA	2 ng/mL			
	• Fentanyl Metabolite	Duragesic®, Actiq®, Fentora®, Subsys®, Abstral®, Sublimaze®, Onsolis®, Lazanda®			LC-MS/MS	10 ng/mL	up to 4 days
Gabapentin	Gabapentin			N/A			
	• Gabapentin	Gralise®, Neurontin®, Nupentin®			LC-MS/MS	500 ng/mL	up to 4 days
Ketamine	Ketamine			N/A			
	• Ketamine Metabolite	Ketalar®			LC-MS/MS	50 ng/mL	up to 3 days
LSD	LSD		EIA	0.5 ng/mL			
	• LSD				LC-MS/MS	0.2 ng/mL	up to 5 days
	• OxoHydroxyLSD				LC-MS/MS	0.1 ng/mL	up to 5 days
Marijuana Metabolite	Marijuana Metabolite		EIA	20 ng/mL			
	• Marijuana Metabolite				LC-MS/MS	10 ng/mL	up to 24 days (chronic user)
Meperidine	Meperidine		EIA	100 ng/mL			
	• Meperidine Metabolite	Demerol®			LC-MS/MS	100 ng/mL	up to 4 days
Methadone	Methadone		EIA	150 ng/mL			
	• Methadone	Dolophine®, Diskets®, Methadose®			LC-MS/MS	100 ng/mL	up to 9 days*
	• Methadone Metabolite (EDDP)				LC-MS/MS	100 ng/mL	up to 9 days*
Methylphenidate	Methylphenidate			N/A			
	• Methylphenidate Metabolite	Concerta®, Daytrana®, Ritalin®			LC-MS/MS	10 ng/mL	up to 2 days
Mitragynine	Mitragynine (Kratom)			N/A			
	• Mitragynine (Kratom)				LC-MS/MS	5 ng/mL	up to 5 days

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Nalbuphine	Nalbuphine			N/A			
	• Nalbuphine	Nubain®			LC-MS/MS	100 ng/mL	up to 3 days
Naltrexone	Naltrexone			N/A			
	• Naltrexone	Vivitrol®, Ingredient of Embeda®			LC-MS/MS	50 ng/mL	up to 3 days (Oral admin)
Nicotine	Nicotine		EIA	500 ng/mL			
	• Nicotine Metabolite				LC-MS/MS	500 ng/mL	up to 4 days
Opiates Basic	Opiates Basic		EIA	100 ng/mL			
	• 6-Acetylmorphine (Heroin)				LC-MS/MS	10 ng/mL	up to 8 hrs
	• Codeine	Tylenol #3®			LC-MS/MS	50 ng/mL	up to 4 days
	• Dihydrocodeine	Synalgos® & metabolite			LC-MS/MS	50 ng/mL	up to 24 hrs
	• Hydrocodone	Vicodin®, Lortab®, Norco®, Lorcet®			LC-MS/MS	50 ng/mL	up to 4 days
	• Hydromorphone	Dilaudid®, Exalgo®			LC-MS/MS	50 ng/mL	up to 4 days
	• Morphine	MS Contin®, MSIR®, Avinza®, Kadian®			LC-MS/MS	50 ng/mL	up to 4 days
	• Norhydrocodone				LC-MS/MS	50 ng/mL	up to 4 days
Oxycodone/Oxymorphone	Oxycodone/Oxymorphone		EIA	100 ng/mL			
	• Noroxycodone				LC-MS/MS	50 ng/mL	up to 4 days
	• Oxycodone	Oxycontin®, Endocet®, Percodan®, Percocet®,			LC-MS/MS	50 ng/mL	up to 4 days
	• Oxymorphone	Opana®, Numorphan®			LC-MS/MS	50 ng/mL	up to 4 days
Pentazocine	Pentazocine			N/A			
	• Pentazocine	Talwin®			LC-MS/MS	100 ng/mL	up to 3 days
Phencyclidine	Phencyclidine (PCP)		EIA	25 ng/mL			
	• Phencyclidine				LC-MS/MS	5 ng/mL	up to 10 days*
Pregabalin	Pregabalin			N/A			
	• Pregabalin	Lyrica®, Neurexal®, Regabatin®			LC-MS/MS	500 ng/mL	up to 4 days
Propofol Glucuronide	Propofol Glucuronide			N/A			
	• Propofol Glucuronide	Diprivan®			LC-MS/MS	500 ng/mL	up to 5 days
Propoxyphene	Propoxyphene		EIA	300 ng/mL			
	• Norpropoxyphene	Darvon®, Darvocet®			LC-MS/MS	300 ng/mL	up to 7 days
Specimen Validity	Specimen Validity:		EIA				
	• Creatinine				Colorimetric	>20.00 mg/dL	N/A
	• pH				Colorimetric/	4.50-9.00	N/A
	• Nitrite				Colorimetric	<200 mcg/mL	N/A
	• Specific Gravity [if required]				Refractometer	1.0010-1.0200	N/A
Stimulants Panel	Stimulants Panel			N/A			
	• Amphetamine	Adderall®, Vyvanse®, Didrex®, Dexedrine®			LC-MS/MS	100 ng/mL	up to 9 days*
	• Diethylpropion	Benadryl®, Nytol®, Sominex®, Unisom®, Vicks			LC-MS/MS	100 ng/mL	up to 2 days
	• Ephedrine/Pseudoephedrine	Sudafed®			LC-MS/MS	100 ng/mL	up to 2 days*
	• MDA				LC-MS/MS	200 ng/mL	up to 2 days
	• MDEA				LC-MS/MS	200 ng/mL	up to 2 days
	• MDMA				LC-MS/MS	200 ng/mL	up to 2 days
	• Methamphetamine	Desoxyn®			LC-MS/MS	100 ng/mL	up to 9 days*
	• Methylphenidate Metabolite	Concerta®, Daytrana®, Ritalin®			LC-MS/MS	10 ng/mL	up to 2 days
	• Phendimetrazine	Bontril®			LC-MS/MS	100 ng/mL	up to 5 days
	• Phenmetrazine	Preludin®			LC-MS/MS	100 ng/mL	up to 3 days
	• Phentermine	Adipex-P®, Fastin®, Ionamin®			LC-MS/MS	100 ng/mL	up to 3 days*
	• Phenylpropanolamine				LC-MS/MS	100 ng/mL	up to 24 hrs

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Synthetic Cannabinoids	Synthetic Cannabinoids			N/A			
	• JWH 250-N-5-carboxypentyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 073 hydroxybutyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 073 butanoic acid				LC-MS/MS	0.5 ng/mL	N/A
	• AM2201-N-4-hydroxypentyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 018 hydroxypentyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 018 pentanoic acid				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 081-N-5-hydroxypentyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 019-N-6-hydroxyhexyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 122 pentanoic acid				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 210-N-5-carboxypentyl				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 018 hydroxyindol				LC-MS/MS	0.5 ng/mL	N/A
	• JWH 073 hydroxyindol				LC-MS/MS	0.5 ng/mL	N/A
• UR144 pentanoic acid				LC-MS/MS	0.5 ng/mL	N/A	
• XLR11 hydroxypentyl				LC-MS/MS	0.5 ng/mL	N/A	
Synthetic Stimulants: Illicit (Bath Salts)	Synthetic Stimulants: Illicit (Bath Salts)			N/A			
	• 2C-E(Europa)				LC-MS/MS	5 ng/mL	N/A
	• Alpha-PVP				LC-MS/MS	5 ng/mL	N/A
	• MDPV				LC-MS/MS	5 ng/mL	N/A
	• Mephedrone				LC-MS/MS	5 ng/mL	N/A
	• Methedrone				LC-MS/MS	5 ng/mL	N/A
	• Methylone				LC-MS/MS	5 ng/mL	N/A
	• Pentylone				LC-MS/MS	10 ng/mL	N/A
• Pyrovalerone				LC-MS/MS	5 ng/mL	N/A	
Synthetic Stimulants Panel	Synthetic Stimulants Panel						
	• Mitragynine (Kratom)				LC-MS/MS	5 ng/mL	up to 5 days
	• Synthetic Stimulants: Illicit				LC-MS/MS	5/10 ng/mL	N/A
Tapentadol	Tapentadol			N/A			
	• Tapentadol	Nucynta®, Palexia®			LC-MS/MS	100 ng/mL	up to 5 days
Tramadol	Tramadol		EIA	100 ng/mL			
	• O-Desmethyl Tramadol				LC-MS/MS	50 ng/mL	up to 3 days
	• Tramadol	Conzip®, Ryzolt®, Ultracet®, Ultram®			LC-MS/MS	50 ng/mL	up to 3 days
Zolpidem	Zolpidem			N/A			
	• Zolpidem	Ambien®, Edluar®, Intermezzo®			LC-MS/MS	10 ng/mL	up to 4 days
	• Zolpidem Metabolite				LC-MS/MS	10 ng/mL	up to 4 days
Zopiclone	Zopiclone			N/A			
	• Eszopiclone/Zopiclone	Lunesta®, Imovane®			LC-MS/MS	25 ng/mL	up to 2 days

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