

URINE TEST GUIDE

Assay	Test/Analyte Name	Brand Name	Screen Method	Screen Cut off	Confirm Method	Confirm Cut Off	Detection Times** <i>*urine pH dependent</i>
6-Acetylmorphine	6-Acetylmorphine (Heroin metabolite) <ul style="list-style-type: none"> • 6-Acetylmorphine (Heroin) • Codeine • Dihydrocodeine • Hydrocodone • Hydromorphone • Morphine • Norhydrocodone 	Tylenol #3 [®]	EIA	10 ng/mL	LC-MS/MS	10 ng/mL	up to 8 hrs
		Synalgos [®] & metabolite			LC-MS/MS	50 ng/mL	up to 4 days
		Vicodin [®] , Lortab [®] , Norco [®] , Lorcet [®]			LC-MS/MS	50 ng/mL	up to 24 hrs
		Dilaudid [®] , Exalgo [®]			LC-MS/MS	50 ng/mL	up to 4 days
		MS Contin [®] , MSIR [®] , Avinza [®] , Kadian [®] , Oramorph [®] , Roxanol [®]			LC-MS/MS	50 ng/mL	up to 4 days
					LC-MS/MS	50 ng/mL	up to 4 days
Acetyl Fentanyl	Acetyl Fentanyl <ul style="list-style-type: none"> • Acetyl Fentanyl 			N/A			
					LC-MS/MS	0.5 ng/mL	N/A
Amphetamines	Amphetamines <ul style="list-style-type: none"> • Amphetamine • Methamphetamine 	Adderall [®] , Vyvanse [®] , Didrex [®] , Dexedrine [®]	EIA	300 ng/mL	LC-MS/MS	100 ng/mL	up to 9 days*
		Desoxyn [®]			LC-MS/MS	100 ng/mL	up to 9 days*
Antidepressants (SSRI/SNRI)	Antidepressants (SSRI/SNRI) <ul style="list-style-type: none"> • Duloxetine • Fluoxetine • Norfluoxetine • Sertraline 	Ariclaim [®] , Cymbalta [®]			LC-MS/MS	50 ng/mL	up to 3 days
		Oxactin [®] , Prozac [®] , Fentora [®] , Sarafem [®]			LC-MS/MS	100 ng/mL	up to 15 days
					LC-MS/MS	100 ng/mL	up to 15 days
		Lustral [®] , Zoloft [®]			LC-MS/MS	100 ng/mL	up to 9 days
Antidepressants (TCA)	Antidepressants (TCA) <ul style="list-style-type: none"> • Amitriptyline • Desipramine • Nordoxepin • Nortriptyline 	Elavil [®] , Endep [®]			LC-MS/MS	100 ng/mL	up to 11 days
		Norpramin [®]			LC-MS/MS	50 ng/mL	up to 13 days
		Tofranil [®] (imipramine metabolite)			LC-MS/MS	50 ng/mL	up to 5 days
		Sinequan [®] (doxepin metabolite)			LC-MS/MS	100 ng/mL	up to 11 days
Antihistamines	Antihistamines <ul style="list-style-type: none"> • Brompheniramine • Chlorpheniramine • Diphenhydramine • Doxylamine • Pheniramine 				LC-MS/MS	100 ng/mL	up to 7 days
					LC-MS/MS	100 ng/mL	up to 9 days
		Benadryl [®] , Sominex [®] , Unisom [®]			LC-MS/MS	20 ng/mL	up to 3 days
		Bendectin [®] , Unisom [®]			LC-MS/MS	100 ng/mL	up to 3 days
		Avril [®]			LC-MS/MS	100 ng/mL	up to 5 days
Barbiturates	Barbiturates <ul style="list-style-type: none"> • Amobarbital/Pentobarbital • Butalbital • Phenobarbital • Secobarbital 	Amytal [®] /Nembutal [®]	EIA	200 ng/mL	LC-MS/MS	100 ng/mL	up to 3 days
		Fioricet [®]			LC-MS/MS	100 ng/mL	up to 7 days
		Luminal [®] , Mysoline [®] (primidone metabolite)			LC-MS/MS	100 ng/mL	up to 16 days
		Seconal [®]			LC-MS/MS	100 ng/mL	up to 3 days
Benzodiazepines	Benzodiazepines <ul style="list-style-type: none"> • Alprazolam Metabolite • Clonazepam Metabolite • Estazolam • Flunitrazepam Metabolite • Flurazepam Metabolite • Lorazepam • Midazolam Metabolite • Nitrazepam Metabolite • Nordiazepam • Oxazepam • Temazepam • Triazolam Metabolite 	Xanax [®]	EIA	50 ng/mL	LC-MS/MS	50 ng/mL	up to 5 days
		Klonopin [®] , Rivotril [®]			LC-MS/MS	50 ng/mL	up to 5 days
		Eurodin [®] , Prosom [®]			LC-MS/MS	50 ng/mL	up to 6 days
		Narcozep [®] , Rohypnol [®]			LC-MS/MS	50 ng/mL	up to 7 days
		Dalmane [®]			LC-MS/MS	50 ng/mL	up to 2 days
		Ativan [®]			LC-MS/MS	50 ng/mL	up to 5 days
		Versed [®]			LC-MS/MS	50 ng/mL	up to 24 hrs
		Hypnotex [®]			LC-MS/MS	50 ng/mL	up to 10 days
					LC-MS/MS	50 ng/mL	up to 10 days
		Serax [®]			LC-MS/MS	50 ng/mL	up to 7 days
		Restoril [®]			LC-MS/MS	50 ng/mL	up to 5 days
		Halcion [®]			LC-MS/MS	50 ng/mL	up to 2 days

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Buprenorphine	Buprenorphine	Belbuca®, Bunavail®, Buprenex®, Butrans®, Suboxone®, Subutex®	EIA	5 ng/mL			
	• Buprenorphine • Norbuprenorphine		LC-MS/MS	5 ng/mL	LC-MS/MS	5 ng/mL	up to 7 days up to 7 days
Buprenorphine & Naloxone	Buprenorphine & Naloxone	Belbuca®, Bunavail®, Buprenex®, Butrans®, Suboxone®, Subutex® Narcan®, Ingredient of Suboxone®	EIA	5 ng/mL			
	• Buprenorphine		LC-MS/MS	5 ng/mL			up to 7 days
	• Naloxone • Norbuprenorphine		LC-MS/MS	5 ng/mL	LC-MS/MS	5 ng/mL	up to 3 days up to 7 days
Butorphanol	Butorphanol	Dolorex®, Stadol®		N/A			
	• Butorphanol		LC-MS/MS	50 ng/mL			up to 4 days
Carisoprodol/Meprobamate	Carisoprodol/Meprobamate	Miltown®, Soma® (carisoprodol metabolite)	EIA	100 ng/mL			
	• Meprobamate		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	DayQuil®, NyQuil®, Robitussin®, Romilar®		N/A			
	• Dextromethorphan		LC-MS/MS	20 ng/mL			up to 1 day (fast metabolizer); 9 days (slow metabolizer)
Diphenhydramine	Diphenhydramine	Benadryl®, Nytol®, Somnex®, Unisom®, Vicks ZzzQuil®		N/A			
	• Diphenhydramine		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 • MDMA		LC-MS/MS LC-MS/MS	200 ng/mL 200 ng/mL			up to 2 days 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 • Ethylsulfate		LC-MS/MS LC-MS/MS	500 ng/mL 100 ng/mL			up to 80 hrs up to 80 hrs
Fentanyl	Fentanyl	Duragesic®, Actiq®, Fentora®, Subsys®, Abstral®, Sublimaze®, Onsolis®, Lazanda®	EIA	2 ng/mL			
	• Fentanyl Metabolite		LC-MS/MS	10 ng/mL			up to 4 days
Gabapentin	Gabapentin	Gralise®, Neurontin®, Nupentin®		N/A			
	• Gabapentin		LC-MS/MS	500 ng/mL			up to 4 days
Ketamine	Ketamine	Ketalar®		N/A			
	• Ketamine Metabolite		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	Demerol®	EIA	100 ng/mL			
	• Meperidine Metabolite		LC-MS/MS	100 ng/mL			up to 4 days
Methadone	Methadone	Dolophine®, Diskets®, Methadose®	EIA	150 ng/mL			
	• Methadone • Methadone Metabolite (EDDP)		LC-MS/MS LC-MS/MS	100 ng/mL 100 ng/mL			up to 9 days* up to 9 days*
Methylphenidate	Methylphenidate	Concerta®, Daytrana®, Ritalin®		N/A			
	• Methylphenidate Metabolite		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 • Nalbuphine	Nubain [®]		N/A	LC-MS/MS	100 ng/mL	up to 3 days
Naltrexone	Naltrexone • Naltrexone	Vivitrol [®] , Ingredient of Embeda [®]		N/A	LC-MS/MS	50 ng/mL	up to 3 days (Oral admin)
Nicotine	Nicotine • Nicotine Metabolite		EIA	500 ng/mL	LC-MS/MS	500 ng/mL	up to 4 days
Opiates Basic	Opiates Basic • 6-Acetylmorphine (Heroin) • Codeine • Dihydrocodeine • Hydrocodone • Hydromorphone • Morphine • Norhydrocodone	Tylenol #3 [®] Synalgos [®] & metabolite Vicodin [®] , Lortab [®] , Norco [®] , Lorcet [®] Dilaudid [®] , Exalgo [®] MS Contin [®] , MSIR [®] , Avinza [®] , Kadian [®] , Oramorph [®] , Roxanol [®]	EIA	100 ng/mL	LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS	10 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL	up to 8 hrs up to 4 days up to 24 hrs up to 4 days up to 4 days up to 4 days up to 4 days
Oxycodone/Oxymorphone	Oxycodone/Oxymorphone • Noroxycodone • Oxycodone • Oxymorphone	Oxycontin [®] , Endocet [®] , Percodan [®] , Percocet [®] , Roxicet [®] , Roxicodone [®] , Tylox [®] , Oxecta [®] Opana [®] , Numorphan [®]	EIA	100 ng/mL	LC-MS/MS LC-MS/MS LC-MS/MS	50 ng/mL 50 ng/mL 50 ng/mL	up to 4 days up to 4 days up to 4 days
Pentazocine	Pentazocine • Pentazocine	Talwin [®]		N/A	LC-MS/MS	100 ng/mL	up to 3 days
Phencyclidine	Phencyclidine (PCP) • Phencyclidine		EIA	25 ng/mL	LC-MS/MS	5 ng/mL	up to 10 days*
Pregabalin	Pregabalin • Pregabalin	Lyrica [®] , Neurexal [®] , Regabatin [®]		N/A	LC-MS/MS	500 ng/mL	up to 4 days
Propofol Glucuronide	Propofol Glucuronide • Propofol Glucuronide	Diprivan [®]		N/A	LC-MS/MS	500 ng/mL	up to 5 days
Propoxyphene	Propoxyphene • Norpropoxyphene	Darvon [®] , Darvocet [®]	EIA	300 ng/mL	LC-MS/MS	300 ng/mL	up to 7 days
Specimen Validity	Specimen Validity: • Creatinine • pH • Nitrite • Specific Gravity [if required]		EIA		Colorimetric Colorimetric/ pH Meter Colorimetric Refractometer	>20.00 mg/dL 4.50-9.00 <200 mcg/mL 1.0010-1.0200	N/A N/A N/A N/A
Stimulants Panel	Stimulants Panel • Amphetamine • Diethylpropion • Ephedrine/Pseudoephedrine • MDA • MDEA • MDMA • Methamphetamine • Methylphenidate Metabolite • Phendimetrazine • Phenmetrazine • Phentermine • Phenylpropanolamine	Adderall [®] , Vyvanse [®] , Didrex [®] , Dexedrine [®] Benadryl [®] , Nytol [®] , Sominex [®] , Unisom [®] , Vicks ZzzQuil [®] Sudafed [®] Desoxyn [®] Concerta [®] , Daytrana [®] , Ritalin [®] Bontril [®] Preludin [®] Adipex-P [®] , Fastin [®] , Ionamin [®]		N/A	LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS LC-MS/MS	100 ng/mL 100 ng/mL 100 ng/mL 200 ng/mL 200 ng/mL 200 ng/mL 100 ng/mL 10 ng/mL 100 ng/mL 100 ng/mL 100 ng/mL 100 ng/mL	up to 9 days* up to 2 days up to 2 days* up to 2 days up to 2 days up to 2 days up to 9 days* up to 2 days up to 5 days up to 3 days up to 3 days* 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				LC-MS/MS	5 ng/mL
• Mitragynine (Kratom) • Synthetic Stimulants: Illicit [components listed above]					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 • Tramadol	Conzip®, Ryzolt®, Ultracet®, Ultram®			LC-MS/MS	50 ng/mL	up to 3 days
Zolpidem	Zolpidem			N/A			
	• Zolpidem • Zolpidem Metabolite	Ambien®, Edluar®, Intermezzo®			LC-MS/MS LC-MS/MS	10 ng/mL 10 ng/mL	up to 4 days 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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