

Drug Class	Compounds/Metabolites Detected	Cutoff level	Detection Window	Prescription Brand Name/Other
AMPHETAMINES/STIMULANTS				
Amphetamine	amphetamine	50 ng/mL	3-5 days	Adderall®, Adderall®XR, Adzenys XR-ODT®, Dexedrine®, Dextroamphetamine, Dextrostat®, Evekeo®, Lisdexamfetamine, Vyvanse®, Zenzedi®
Methamphetamine	methamphetamine, amphetamine	50 ng/mL	3-5 days	Benzphetamine®, Desoxyn®, Didrex®, Eldepryl®, Selegiline®, Vicks® Inhaler
Methamphetamine Isomer Testing	d-methamphetamine, l-methamphetamine	50 ng/mL	3-5 days	Benzphetamine, Desoxyn®, Didrex®, Eldepryl®, Famprofazone, Selegiline®, Vicks® Inhaler,
Methylphenidate	methylphenidate	50 ng/mL	1-2 days	Aptensio XR®, Concerta®, Daytrana®, Focalin®, Metadate®, Methylin®, QuilliChew ER®, Quillivant®, Ritalin®
Phentermine	phentermine	50 ng/mL	3-5 days	Apidex-P®, Qsymia®, Suprenza®
ANTICONVULSANTS				
Gabapentin	gabapentin	1000 ng/mL	1-2 days	Gralise®, Horizant®, Neurontin®
Pregabalin	pregabalin	1000 ng/mL	1-2 days	Lyrica®
BENZODIAZEPINES				
Alprazolam	alpha-hydroxyalprazolam	20 ng/mL	2-4 days	Xanax®, Xanax®XR
Chlordiazepoxide	nordiazepam, oxazepam	20 ng/mL	2-4 days	Librium®, Limbitrol®
Clonazepam	7-aminoclonazepam	20 ng/mL	2-4 days	Klonopin®
Clorazepate	nordiazepam, oxazepam	20 ng/mL	2-4 days	Gen-Xene®, Tranxene®
Diazepam	nordiazepam, oxazepam, temazepam	20 ng/mL	2-7 days	Diastat®, Diazepam IntenSol®, Valium®
Lorazepam	lorazepam	25 ng/mL	5-7 days	Ativan®, Lorazepam IntenSol®
Midazolam	alpha-hydroxymidazolam	20 ng/mL	1-2 days	Versed®
Oxazepam	oxazepam	20 ng/mL	2-7 days	Serax®
Temazepam	temazepam, oxazepam	20 ng/mL	1-4 days	Restoril®
Triazolam	alpha-hydroxytriazolam	20 ng/mL	1-2 days	Halcion®
MUSCLE RELAXANTS				
Carisoprodol	carisoprodol, meprobamate	50 ng/mL	1 day	Soma®
Cyclobenzaprine	cyclobenzaprine	50 ng/mL	3-8 days	Amrix®, Flexeril®
Meprobamate	meprobamate	50 ng/mL	2-3 days	Equanil®, Miltown®
OPIATES/OPIOIDS				
Buprenorphine	buprenorphine, norbuprenorphine	1.0 ng/mL	2-3 days	Belbuca®, Bunavail buccal film®, Buprenex®, Butrans®, Suboxone® Subutex®, Zubsolv®
Codeine	codeine, morphine, hydrocodone (minor metabolite)	50 ng/mL	2-3 days	Chertussin®, Fioricet®w/codeine, Fiorinal®w/codeine, Guaiaussin®, Triacin-C®, TuzistraXR®, Tylenol®w/codeine #3, #4
Fentanyl	fentanyl, norfentanyl	0.5 ng/mL	1-3 days	Abstral®, Actiq®, Duragesic®, Fentora®, Ionsys®, Lazanda®, Sublimaze®, Subsys®
Hydrocodone	hydrocodone, hydromorphone, norhydrocodone	25 ng/mL	2-3 days	Flowtuss®, Hycodan®Syrup, Hycofenix®, Hydrocet®, Hysingla® ER, Lortab®, Lorcet, Norco®, Obredon®, Reprexain®, Rezia®, TussiCaps®, Tussionex®, Tussionex®, Vicodin®, Vicoprofen®, Vituz®, Xodol® Zohydro® ER, Zutriprio®, Zydone®
Hydromorphone	hydromorphone	50 ng/mL	2-3 days	Dilaudid®, Dilaudid-HP®, Exalgo®, Hydrostat IR®
Meperidine	meperidine, normeperidine	50 ng/mL	24-48 hours	Demerol®
Methodone	methadone, EDDP	50 ng/mL	Up to 14 days	Dolophine®, Methadone HCl IntenSol®, Methadose®
Morphine	morphine, hydromorphone (minor metabolite)	100 ng/mL	2-3 days	Apokyn®, Astramorph®, Avinza®, Duramorph®, Embeda®, Infumorph®, Kadian®, MS Contin®, MSER®, MSIR®, Oramorph SR®, Roxanol®
Naloxone	naloxone	5.00 ng/mL	2-3 days	Bunavail buccal film®, Evzio®, Suboxone®, Talwin®, Zubsolv®
Naltrexone	naltrexone, 6-beta-naltrexol	5.0 ng/mL		Contrave®, Embeda®, Revia®, Vivitrol®
Oxycodone	oxycodone, oxymorphone, noroxycodone	50 ng/mL	2-3 days	Endocet®, Oxaydo®, OxylR®, OxyContin®, Oxycet®, Percocet®, Percodan®, Percolone®, Roxicet®, Roxicodone®, Tylox®, Xartemis®, Xtampza ER®
Oxymorphone	oxymorphone	50 ng/mL	2-3 days	Numorphan® Opana® Opana ER®
Pentazocine	pentazocine	50 ng/mL	1-2 days	Talwin®
Propoxyphene	propoxyphene	50 ng/mL	up to 7 days	Darvocet®, Darvon®
Tapentadol	tapentadol	50 ng/mL	2-3 days	Nucynta®
Tramadol	tramadol, desmethyltramadol	50 ng/mL	2-4 days	Conzip®, Ultracet®, Ultram®, Ultram ER®
ILLCITS				
Alpha-PVP (Flakka)	alpha-PVP	2.5 ng/mL		Flakka
Bath Salts	3,4-methylenedioxypropylvalerone (MDPV), mephedrone, methylone	50 ng/mL	2-5 days	Cloud 9, White Lightning, Ivory Wave, others
Cocaine	benzoylecgonine	50 ng/mL	1-2 days	Crack
Ecstasy	Methylenedioxyamphetamine (MDMA)	50 ng/mL	2-5 days	Ecstasy, Molly
Heroin	6-monoacetylmorphine (6-MAM), morphine, codeine (minor metab)	5.0 ng/mL	< 1 day	Heroin
Phencyclidine (PCP)	phencyclidine (PCP)	5.0 ng/mL	up to 21 days	Angel Dust
THC CONFIRMATION				
THC, Cannabinoids	Δ-9-carboxytetrahydrocannabinol	25 ng/mL	up to 30 days	Dronabinol®, Marinol®
ETG CONFIRMATION				
Ethanol Metabolites	ethyl glucuronide	500ng/mL	1-3 days	Ethyl Alcohol
Ethanol Metabolites	ethyl sulfate	150 ng/mL	1-3 days	Ethyl Alcohol
SLEEP AIDS				
Eszopiclone	zopiclone/eszopiclone	5.0 ng/mL	1 day	Lunesta®
Zaleplon	zaleplon	5.0 ng/mL	1 day	Sonata®
Zolpidem	zolpidem	5.0 ng/mL	1 day	Ambien®, Edluar®, Intermezzo®, Zolpimist®
SSRI ANTIDEPRESSANTS				
Citalopram	citalopram, desmethylcitalopram	25 ng/mL	2-3 days	Celexa®
Escitalopram	citalopram, desmethylcitalopram	25 ng/mL	2-3 days	Lexapro®
Fluoxetine	fluoxetine, norfluoxetine	25 ng/mL	1-3 days	Prozac®, Sarafem®, Selfemra®, Symbyax®
Paroxetine	paroxetine	25 ng/mL	7-14 days	Aropax®, Brisdelle®, Paxil®, Pexeva®, Sereupin®, Seroxat®
Sertraline	sertraline	25 ng/mL	6-8 days	Zoloft®
SNRI ANTIDEPRESSANTS				
Desvenlafaxine	desmethylvenlafaxine	25 ng/mL	3-4 days	Khedeza®, Pristiq®
Venlafaxine	desmethylvenlafaxine, venlafaxine	25 ng/mL	3-4 days	Effexor®
Duloxetine	duloxetine	50 ng/mL		Cymbalta®
TRICYCLIC ANTIDEPRESSANTS				

Amitriptyline	amitriptyline, nortriptyline	25 ng/mL	4-10 days	Elavil®, Endep®, Etrafon®, Levate®, Limbitrol® Triavil®, Vanatrip®
Desipramine	desipramine	25 ng/mL	2-11 days	Norpramin®, Pertofrane®
Doxepin	doxepin	25 ng/mL	2-8 days	Silenor®, Sinequan®, Zonalon®
Imipramine	imipramine, desipramine	25 ng/mL	2-11 days	Tofranil®
Nortriptyline	nortriptyline	25 ng/mL	4-19 days	Aventyl®, Pamelor®
OTHER ANTIDEPRESSANTS				
Bupropion	hydroxybupropion	25 ng/mL	2-4 days	Alplenzin®, Contrave®, Forfivo®, Wellbutrin®, Zyban®
Mirtazapine	mirtazepine	25 ng/mL	2-4 days	Remeron®
Trazodone	trazodone	25 ng/mL	2-4 days	Desyre!®
Quetiapine	quetiapine	25 ng/mL	2-4 days	Ketipinor®, Seroquel®, Xeroquel®
Risperidone	9-hydroxyrisperidone	25 ng/mL	5-7 days	Risperdal®
Paliperidone	9-hydroxyrisperidone	25 ng/mL	5-7 days	Invega®
ANTISEIZURES				
Lamotrigine	lamotrigine	25 ng/mL	3-5 days	Lamictal®
Levetiracetam	levetiracetam	50 ng/mL	1-3 days	Elepsia XR®, Keppra®, Spritam®
EMERGING DRUGS				
25B-NBOMe	25B-NBOMe	2.5 ng/mL		
25C-NBOMe	25C-NBOMe	2.5 ng/mL		
25I-NBOMe	25I-NBOMe	2.5 ng/mL		
Mitragynine (Kratom)	mitragynine, 7-hydroxymitragynine	50 ng/mL		Kratom
Desomorphine (Krokodil)	desomorphine	25 ng/mL		Krokodil
Dextromethorphan	dextromethorphan/levomethorphan	2.5 ng/mL		Bromfed-DM®, Delsym®, Dextromethorphan Polistirex®, Mucinex DM®, Nuedexta®, Phenergan DM®, Promethazine DM®
Levomethorphan	dextromethorphan/levomethorphan	2.5 ng/mL		
SYNTHETIC CANNABINOIDS				
AM2201 4-Hydroxypentyl	AM2201 4-hydroxypentyl metabolites	1.0 ng/mL		Spice, K2
JWH-018 5-Hydroxypentyl	JWH-018 5-hydroxypentyl metabolites	1.0 ng/mL		Spice, K2
JWH-073 4-Hydroxybutyl	JWH-073 4-hydroxybutyl metabolites	1.0 ng/mL		Spice, K2
JWH-122 5-Hydroxypentyl	JWH-122 5-hydroxypentyl metabolites	1.0 ng/mL		Spice, K2
JWH-210 4-Hydroxypentyl	JWH-210 4-hydroxypentyl metabolites	2.0 ng/mL		Spice, K2
JWH-250 4-Hydroxypentyl	JWH-250 4-hydroxypentyl metabolites	2.0 ng/mL		Spice, K2
UR-144 5-Hydroxypentyl	UR-144 5-hydroxypentyl metabolites	2.0 ng/mL		Spice, K2
XLR-11	XLR-11 metabolites	2.0 ng/mL		Spice, K2
AB-FUBINACA	AB-fubinaca	2.0 ng/mL		Spice, K2
AB-PINACA	AB-pinaca	2.0 ng/mL		Spice, K2
BARBITURATES				
Amobarbital/Pentobarbital	amobarbital/pentobarbital	100 ng/mL		Amytal Sodium
Butalbital	butalbital	100 ng/mL		Butapap®, Fioricet®, Fiorinal®, Lanorinal®
Primidone	phenobarbital	100 ng/mL		Mysoline®
Phenobarbital	phenobarbital	100 ng/mL		Belladonna® w/Phenobarbital, Luminal®
Secobarbital	secobarbital	100 ng/mL		Seconal®

DRUG SCREENS (IMMUNOASSAY)	
Amphetamines	1000 ng/mL
Barbiturates	200 ng/mL
Benzodiazepines	200 ng/mL
Buprenorphine	5 ng/mL
Cocaine Metabolite	300 ng/mL
Cannabinoids, THC	50 ng/mL
Cannabinoids, Synthetic (K2)	20 ng/mL
Ethanol	100 mg/dL
Ethyl Glucuronide (EtG)	500 ng/mL
Heroin Metabolite (6-MAM)	10 ng/mL
MDMA	500 ng/mL
Methadone	200 ng/mL
Opiates	1000 ng/mL
Oxycodone	300 ng/mL
PCP	25 ng/mL
Propoxyphene	300 ng/mL
Tricyclic Antidepressants	300 ng/mL
Cotinine	500 ng/mL
Human Chorionic Gonadotropin (hCG)	20 mIU/mL

SPECIMEN VALIDITY (ADULTERATION) TESTING	
Creatinine	5 - 300 mg/dL
Specific Gravity	1.005 - 1.035
pH	4 - 9

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