

DRUG HALF LIFE AND URINE DETECTION WINDOW

DRUG, DRUG METABOLITE(S)	COMMON TRADE AND STREET NAME, NOTES	HALF-LIFE	URINE DETECTION WINDOW
OPIATES-OPIOIDS-NARCOTIC ANALGESICS			
Codeine	Tylenol 3,4,5, Codrix, occasionally Cheratussin and Fioricet	1.2 – 3.9 h	1-3 days
Morphine	MS Cotitin, MSIR, MSER, Avinza, Kadian, Embeda, Duramorph, Roxanol, Oramorph, Astromorph, DepoDur <i>Metabolite of Heroin and Codeine</i>	1.3 – 6.7 h	1-3 days
Hydrocodone <i>Norhydrocodone</i>	Norco, Vicodin, Lortab, Hysingla, Zohydro, Hydromet, Vicoprofen, Hycodan, Lorcet, Hydrocet, Tussionex, Anexsia, Damason-P, Maxidone, Panacet, Bekadid, Xodol, Dicodid <i>Hydrocodone Metabolite</i>	3.4 – 8.8 h	1-3 days
Hydromorphone <i>Norhydromorphone</i>	Dilaudid, Exalgo, Hymorphan, Laudicon, Novolaudin, Palladone <i>Metabolite of Morphine and Hydrocodone</i> <i>Hydromorphone Metabolite</i>	3 – 9 h	1-3 days
Oxycodone <i>Noroxycodone</i>	Oxycontin, Percocet, Endocet, Roxicodone, Oxynorm, Percodan, Roxicet, Tylox, Endodan, Xtampza, Roxiprin, Combunox <i>Oxycodone Metabolite</i>	3 – 6 h	1-3 days
Oxymorphone <i>Noroxymorphone</i>	Opana, Numorphan <i>Metabolite of Oxycodone</i> <i>Oxymorphone Metabolite</i>	4 – 12 h	1-3 days
Fentanyl <i>Norfentanyl</i>	Duragesic, Fentora, Subsys, Sublimaze, Actiq, Lazanda, Ionsys <i>Fentanyl Metabolite</i>	3 – 12 h	1-3 days
Buprenorphine <i>Norbuprenorphine</i>	Butrans, Suboxone, Subutex, Buprenex, Belbuca, Sublocade, Zubsolv <i>Buprenorphine Metabolite</i>	2 – 49 h	1-6 days
Methadone <i>EDDP</i>	Methadose, Dolophine <i>Methadone Metabolite</i>	15 - 55 h	1-14 days
Meperidine <i>Normeperidine</i>	Demerol, Mepergan, Algil, Alodan, Centrolgin, Dispadol, Dolantin <i>Meperidine Metabolite</i>	2 – 5 h	1-2 days
Tramadol <i>N-desmethyltramadol</i>	Ultram, Zydol, Rybix, Zamadol, Tramal, Ultracet, Ryzolt <i>Tramadol Metabolite</i>	4.3 – 6.7 h	1-4 days
Tapentadol <i>N-desmethyltapentadol</i>	Nucynta <i>Tapentadol Metabolite</i>	3 – 5 h	1-3 days
Naloxone	Suboxone, Narcan	30 – 80 m	0.5-3 days
Naltrexone <i>6-Beta Naltrexol</i>	Depade, Nalorex, Re Via, Trexan, Vivitrol <i>Naltrexone Metabolite</i>	8 – 10 h	1-3 days
Sufentanil	Sufenta	1.6 – 5.7 h	1-2 days
BENZODIAZEPINES			
Clonazepam <i>7-Aminoclonazepam</i>	Klonopin, Clonopin, Rivotril, Ceberclan <i>Clonazepam Metabolite</i>	19 – 60 h	1-4 days
Alprazolam <i>Alpha-Hydroxyalprazolam</i>	Xanax, Niravam, Xanor, Tafil, Alprolox <i>Alprazolam Metabolite</i>	6 – 27 h	1-4 days
Diazepam	Valium, Stesolid, Valrelease, Apzepam, Vival, Apozepam	21 – 37 h	1-5 days
Oxazepam	Librium, Serax, Seresta, Sobril, Opamox, Vaben, Oxascand <i>Metabolite of Temazepam and Nordiazepam</i>	4 – 11 h	1-4 days
Nordiazepam	Calmday, Madar, Nordaz, Stilny, Vegesan <i>Metabolite of Diazepam</i>	31 – 97 h	1-10 days
Temazepam	Restoril, Normison, Euhypnos <i>Metabolite of Diazepam</i>	3 – 13 h	1-4 days
Lorazepam	Ativan, Temesta, Lorabenz	9 – 16 h	1-5 days
Midazolam <i>Alpha-Hydroxymidazolam</i>	Versed, Dormicum, Hypnovel, Flormidal, Dormonid <i>Midazolam Metabolite</i>	1 – 4 h	0.5-2 days
Flurazepam <i>2-Hydroxyethylflurazepam</i>	Dalmane, Dalmadorm <i>Flurazepam Metabolite</i>	1 – 3 h	0.5-2 days
Chlordiazepoxide	Librium, Tropium, Risolid, Clipoxide	6 – 27 h	2-4 days
Triazolam <i>Alpha-Hydroxytriazolam</i>	Halcion, Novodorm, Songar <i>Metabolite of Triazolam</i>	1.8 – 3.9 h	Up to 2 days

Note: Detection windows are approximate values that are dependent on the drug, individual metabolism, dosage, and administration route.

Baselt, Randell. "Disposition of Toxic Drugs and Chemicals in Man." Biomedical Publications, 2011.

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AMPHETAMINE-STIMULANTS			
Amphetamine	Adderal, Vyvanse, Dexedrine, Didrex, Benzedrine <i>Metabolite of Methamphetamine</i>	7 – 34 h	1-5 days
MDEA <i>MDA</i>	Eve, MDEA, MDE <i>MDEA Metabolite</i>	5 – 9 h	1-3 days
MDMA <i>MDA</i>	Ecstasy, XTC, Molly <i>MDMA Metabolite</i>	5 – 9 h	1-3 days
Methamphetamine	Desoxyn, Didrex, Vicks Vapor Inhaler (low concentrations), Meth, Methamphetamine <i>Metabolite of Selegiline</i>	6 – 15 h	1-5 days
Phentermine	Adipex, Fastin, Ionamin, Lomaira, Qsymia	19 – 24 h	1-5 days
Methylphenidat <i>Ritalinic Acid</i>	Concerta, Ritalin, Ritalin SR, Quilivant, Methylin, Metadate, Focalin <i>Methylphenidate Metabolite</i>	1.4 – 4.2 h	< 1 day
ANTIDEPRESSANTS			
Amitriptyline	Elavil, Endep, Vanatrip, Tryptanol, Etrafon	8 – 51 h	2-11 days
Nortriptyline	Pamelor, Aventyl, Allegron, Sensoval, Nortrilen <i>Metabolite of Amitriptyline</i>	15 – 90 h	2-19 days
Imipramine	Tofranil, Imiprin, Deprinol, Presamine	6 – 20 h	1-5 days
Desipramine	Norpramin, Pertofrane <i>Metabolite of Imipramine</i>	12 – 54 h	2-11 days
Clomipramine	Anafranil	12 – 36 h	2-11 days
Doxepin <i>Desmethyldoxepin</i>	Adapin, Prudoxin, Silenor, Sinequan, Zonalon <i>Doxepin Metabolite</i>	8 -25 h	1-8 days
Trimipramine	Stangyl, Surmontil	16 – 36 h	2-11 days
Trazodone	Desyrel, Molipaxin, Oleptro, Trazamine	3 -7 h	1-3 days
BARBITURATES			
Butabarbital	Butisol	34 – 42 h	2-9 days
Butalbital	Fioricet, Fiorinal, Bupap, Esgic, Alagesic	35 – 88 h	4-6 days
Amobarbital	Amytal, Tuinal	15 – 40 h	3-6 days
Pentobarbital	Nembutal	15 – 48 h	3-6 days
Phenobarbital	Luminal, Solfoton, Belladonna	2 – 6 days	Up to 16 days
Secobarbital	Seconal	22 – 29 h	2-6 days
ILLCITS			
Heroin <i>6-Acetylmorphine</i>	Parent not detected only metabolite <i>Heroin Metabolite</i>	2 – 6 mins 6 – 25 mins	< 1 day
Cocaine <i>Benzoyllecgonine</i>	Parent rarely detected after ingestion <i>Cocaine Metabolite</i>	0.7 – 1.5 h 5.5 – 7.5 h	1-2 days
PCP	Angle Dust	7 – 46 h	3-7 days
Propoxyphene (PPX)	Darvon, Wygesic, Darvocet	8 – 24 h	1-5 days
Marijuana <i>11-Nor-9-Carboxy-Delta-9-THC</i>	Marinol, Dronabinol <i>Marijuana Metabolite</i>	20 – 57 h Usage based	1-45 days (Varies)
Methaqualone	Quaalude, Sopor	20 -60 h	1-3 days
MDPV/Mephedrone/Methylone	Bath Salts	Varies	Varies
Mitragynine	Kratom	4 – 9 h	0.5-9 days
MISCELLANEOUS			
Gabapentin	Neurontin, Gralise, Horizant, Gabaron	5 – 9 h	1-3 days
Pregabalin	Lyrica	5 – 11 h	1-3 days
Carisoprodol	Soma, Somadril, Equanil	0.9 – 2.4 h	1-2 days
Meprobamate	Miltown, Equanil, Trancot <i>Metabolite of Carisoprodol</i>	6 – 17 h	1-3 days
Cyclobenzaprine	Amrix, Flexeril, Fexmid, Lisseril	20 – 40 h	3-5 days
Zolpidem <i>Zolpidem Metabolite</i>	Ambien, Intermezzo, Eduar, Zolpimist <i>Zolpidem Metabolite</i>	1.4 – 4.5 h	1-2 days
Ketamine	Ketaject, Ketalar, “Special K”	3 – 4 h	1-3 days
Dextromethorphan <i>Dextrophan</i>	Romilar, Bromfed, Coricidin, Delsym, Nyquil, Robitussin, Vicks Dayquil <i>Dextromethorphan Metabolite</i>	3.2 - 3.6h (23-42h poor metabolizers)	1-2 days
Cotinine	Nicoderm, Metabolite of Nicotine	24 – 48 min	1-3 days
Alcohol <i>Ethyl Glucuronide, Ethyl Sulfate</i>	Alcohol Metabolites	4 – 4.5 h	1-3.5 days

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