

DRUG TEST TABLE MECONIUM AND UMBILICAL CORD

Drug Class, Drug, Drug Metabolite(s)*	Common Trade and Street Names, Other Sources (Notes)	Lowest concentration reported, cutoff	
		Meconium (ng/g)	Umbilical Cord [^] (ng/g)
<p><i>*Metabolite: an end product that remains (and is eliminated) after a drug is modified (metabolized) by the body; italics used to identify in this table.</i></p> <p><i>^Qualitative only (quantitative result not reported)</i></p>			
Stimulants			
Amphetamine	Adderall, Evekeo, Procentra, Zenzedi, Dexedrine, Vyvanse, speed (could be methamphetamine metabolite; if so, typically < 30% of parent)	20	5
Methamphetamine	Desoxyn, methedrine, Vicks inhaler (D and L isomers not resolved; low concentrations are expected if the source is Vicks) or a metabolite of selegiline (Atapryl, Carbex, Deprenyl, Eldepryl)	20	5
Methylenedioxymethamphetamine (MDMA)	E, XTC, ecstasy, molly	20	5
Methylenedioxyethylamphetamine (MDEA)	Eve, MDE	20	not available
Methylenedioxyamphetamine (MDA)	Sally, sass, MDMA or MDEA metabolite	20	not available
Phentermine	Adipex, Qsymia, Suprenza	not available	8
Cocaine	Coke, crack (parent drug rarely observed due to short half-life)	20	0.5
<i>*Benzoyllecgonine</i>	Cocaine metabolite	20	0.5
<i>*^m-hydroxy benzoyllecgonine</i>	Cocaine metabolite (often the only cocaine metabolite in meconium)	20	1
<i>*Cocaethylene</i>	Cocaine metabolite (formed when cocaine is used with alcohol but rarely detected in meconium and cord)	20	1
Opioids and Gabapentin			
Buprenorphine	Butrans, Buprenex, Bunavail, Suboxone, Zubsolv	20	1
<i>*Norbuprenorphine</i>	Buprenorphine metabolite	20	0.5
Codeine	Included in many preparations (may be a contaminant of morphine if < 2% of morphine or a contaminant of heroin). Common metabolite is morphine; minor metabolite is hydrocodone.	20	0.5
Dihydrocodeine	Drocode, DHC Plus, Synalgos-DC, hydrocodone metabolite	not available	1
Fentanyl	Abstral, Actiq, Duragesic, Fentora, Subsys, Ionsys, Lazanda	not available	0.5
Gabapentin	Neurontin, Gralise	not available	10
Heroin	Diacetylmorphine, dope, smack, dust (parent drug not detected)	not available	not available
<i>*6-acetylmorphine</i>	Heroin metabolite; 6-AM, 6-monoacetylmorphine (rarely observed); common metabolite is morphine.	20	1
Hydrocodone	Included in many preparations (with acetaminophen: Lortab, Lorcet, Co-Gesic, Vicodin; with ibuprofen: Ibudone); codeine metabolite (may be a contaminant of oxycodone if < 2% of oxycodone). Common metabolites are dihydrocodeine, norhydrocodone, and hydromorphone.	20	0.5
<i>*Norhydrocodone</i>	Hydrocodone metabolite	not available	1
Hydromorphone	Dilaudid; morphine and hydrocodone metabolite	20	0.5

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Morphine	Included in many preparations: Astramorph, Avinza, DepoDur, Duramorph, Kadian, MS Contin (with naltrexone: Embeda); poppy seeds (low concentrations expected); heroin and codeine metabolite. Minor metabolite is hydromorphone.	20	0.5
Oxycodone	OxyContin (with acetaminophen: Endocet, Percocet, Roxicet; with aspirin: Endodan, Percodan, Roxiprin; with ibuprofen: Combunox). Common metabolites are oxymorphone and noroxycodone.	20	0.5
<i>*Noroxycodone</i>	Oxycodone metabolite	not available	1
Oxymorphone	Numorphan, Opana, oxycodone metabolite; common metabolite is noroxymorphone.	20	0.5
<i>*Noroxymorphone</i>	Oxymorphone and noroxycodone metabolite	not available	0.5
Meperidine	Demerol, Mepergan	not available	2
Methadone	Dolophine, Methadose	10	2
<i>*EDDP</i>	Methadone metabolite; 2-ethylidene-1,5-dimethyl-3,3-Diphenylpyrrolidine	10	1
Naloxone	Evzio or in combination with buprenorphine or Pentazocine	not available	1
Propoxyphene	Darvon, Wygesic (with acetaminophen: Darvocet, Digesic)	not available	1
Tapentadol	Nucynta	not available	2
Tramadol	Ultram, Ultracet, ConZip	not available	2
<i>*N-desmethyltramadol</i>	Tramadol metabolite	not available	2
<i>*O-desmethyltramadol</i>	Tramadol metabolite	not available	2
Sedative-Hypnotics: Barbiturates			
Butalbital	Sandoctal or combination products like Fioricet, Ascomp, and Esgic	50	25
Phenobarbital	Luminal or combination drug products like Donnatal	50	75
Sedative-Hypnotics: Benzodiazepines			
Alprazolam	Xanax	5	0.5
<i>*Alpha-hydroxyalprazolam</i>	Alprazolam metabolite	5	0.5
Clonazepam	Klonopin	5	1
<i>*7-amino clonazepam</i>	Clonazepam metabolite	5	1
Diazepam	Valium, Diastat, Valrelease; common metabolites are nordiazepam and temazepam.	5	1
Lorazepam	Ativan	20	5
Midazolam	Versed	20	1
<i>*Alpha-hydroxymidazolam</i>	Midazolam metabolite	20	2
Chlordiazepoxide	Librium	20	not available
Nordiazepam	Metabolite of several drugs: chlordiazepoxide (Librium), clorazepate (Tranxene), diazepam, halazepam (Paxipam), prazepam (Centrax); common metabolite is oxazepam.	20	1
Oxazepam	Serax; nordiazepam and temazepam metabolite	20	2
Temazepam	Normison, Restoril, diazepam metabolite	20	1

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Zolpidem	Ambien, Edluar, Intermezzo, Zolpimist NA	not available	0.5
Hallucinogens			
Phencyclidine	PCP, Sernyl, Sernylan, angel dust	10	1
Cannabinoids			
<i>*11-nor-9-carboxy-delta-9-tetrahydrocannabinol</i>	Marinol, Dronabinol, marijuana, weed, cannabis, ganja, hashish, THC, cannabinoid metabolite	5	0.2
Ethanol Metabolite			
<i>*Ethyl glucuronide</i>		not available	5