

ChemaTox Blood Drug Testing Matrix (Updated May 24th, 2016)

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Always identify any medications/drugs the suspect states they have taken, or that you suspect they have taken, in the "Medications Taken" Area. For drugs that are not included in a screening panel, **check the "Other" box and write in the specific drug/drug screen you would like to request.** "Qualitative only" compounds will be reported as positive or negative. *(Drug names listed in **bold** have testing that has been updated or added)*

Drug Name (Generic)	Brand/Common Names	ELISA Screening Group	Panel	"Other" Request	Confirmation Method	Notes
6-Monoacetylmorphine	6-MAM (Heroin Metabolite)	Opiates	5,7,11		GC/MS	Qual only
Aerosols	Duster, Hairspray, PAM			Toxic Vapors	GC-FID	Qual only
Alprazolam	Xanax	Benzodiazepines	5,7,11		LC-MS/MS	
Amitriptyline Hydrochloride	Elavil, Endep, Levate	Tricyclic Antidepressants			GC/MS	
Amphetamine	Adderall, Dextroamphetamine	Amphetamine/MDA			LC-MS/MS	
Benzoylcegonine	BE (Cocaine metabolite)	Cocaine	5,7,11		GC/MS	Qual only
Buprenorphine	Subutex, Suboxone	Buprenorphine			GC/MS	
Butalbital	Fioricet, Bupap	Barbiturates	11		LC-MS/MS	
Bromazepam		Benzodiazepines	5,7,11	LC-MS/MS		Screen only
Carbon Monoxide	CO				UV-VIS	
Carisoprodol	Soma, Carsodol	Carisoprodol	11		LC-MS/MS	
Chlordiazepoxide	Librax, Librium, Limbitrol	Benzodiazepines	5,7,11		LC-MS/MS	
Chlorpheniramine	Chlor-Tabs, Aller-Chlor, Teldrin			LC-MS/MS	LC-MS/MS	
Citalopram	Celexa	Citalopram			GC/MS	
Clonazepam	Klonopin, Quanaxin			LC-MS/MS*	LC-MS/MS	*Levels too low for Benzo screen
Cocaethylene		Cocaine	5,7,11		GC/MS	
Cocaine	Crack, Coke	Cocaine	5,7,11		GC/MS	
Codeine	Codapap, Tylenol 3/4, Cotab	Opiates	5,7,11		GC/MS	
Cyclobenzaprine	Flexeril, Amrix	Tricyclic Antidepressants			GC/MS	
Delta-9-THC	Marijuana, THC, Hashish	Cannabinoids	7,11		LC-MS/MS	

11-nor-9-Carboxy-THC	Carboxy THC (inactive metabolite)	Cannabinoids	7,11		LC-MS/MS	Qual only
11-Hydroxy-THC	Hydroxy THC (active metabolite)	Cannabinoids	7,11		LC-MS/MS	
Dextromethorphan	DXM, DM, Robo			GC Scan	GC/MS	
<i>Diacetylmorphine*</i>	Heroin	Opiates	5,7,11		GC/MS	<i>*Reported as 6-MAM & Morphine</i>
Diazepam	Valium	Benzodiazepines	5,7,11		LC-MS/MS	
Diphenhydramine	Benadryl, Tylenol PM, Dramamine, Somnex			GC Scan	LC-MS/MS	
Doxepin	Adapin, Sinequan	Tricyclic Antidepressants			GC/MS	
Doxylamine	Unisom			GC Scan	LC-MS/MS	
Dronabinol	Marinol	Cannabinoids	7,11		LC-MS/MS	
Escitalopram	Lexapro	Citalopram			GC/MS	
Estazolam		Benzodiazepines	5,7,11	LC-MS/MS		Screen only
Ethanol	Alcohol				GC-FID	
Fentanyl	Sublimaze, Duragesic	Fentanyl			GC/MS	
Flurazepam	Dalmane	Benzodiazepines	5,7,11	LC-MS/MS		Screen only
Hydrocodone	Vicodin, Norco, Lortab	Opiates	5,7,11		GC/MS	
Hydromorphone	Dilaudid, Exalgo, drug-store heroin	Opiates	5,7,11		GC/MS	
Hydroxyzine	Vistaril, Atarax			LC-MS/MS	LC-MS/MS	Qual only
Ketamine	Ketaved, Ketaset, Vetamine, Special K	Ketamine			GC/MS	
Lorazepam	Ativan			LC-MS/MS*	LC-MS/MS	*Levels too low for Benzo screen
Lormetazepam		Benzodiazepines	5,7,11	LC-MS/MS		Screen only
MDA	(MDMA metabolite)	Amphetamine/MDA			LC-MS/MS	
MDEA					LC-MS/MS	
MDMA	Ecstasy	Methamphetamine/MDMA	5,7,11		LC-MS/MS	
Meperidine	Demerol			GC Scan	GC/MS	
Meprobamate	Miltown, Equanil, (Carisoprodol metabolite)	Carisoprodol	11		LC-MS/MS	
Methadone	Methadose, Dolophine	Methadone	11		GC/MS	

Methamphetamine	Crystal meth, speed, ice	Methamphetamine/MDMA	5,7,11		LC-MS/MS	
Midazolam	Versed	Benzodiazepines	5,7,11		LC-MS/MS	
Mirtazepine	Remeron			GC Scan	GC/MS	
Morphine	Avinza, MS Contin, Oramorph SR, Roxanol (Heroin metabolite)	Opiates	5,7,11		GC/MS	
Nitrazepam		Benzodiazepines	5,7,11	LC-MS/MS		Screen only
Nordiazepam	(Diazepam metabolite)	Benzodiazepines	5,7,11		LC-MS/MS	
Nortriptyline	(Amitriptyline metabolite)	Tricyclic Antidepressants			GC/MS	
Oxazepam	Serax	Benzodiazepines	5,7,11		LC-MS/MS	
Oxycodone	Oxycontin, Percocet, Roxicodone, Endocet	Oxycodone	7,11		GC/MS	
Oxymorphone	Opana, Numorphan	Oxycodone	7,11		GC/MS	
Phencyclidine	PCP			GC Scan	GC/MS	
Phenobarbital	Luminal	Barbiturates	11		LC-MS/MS	
Phenytoin	Dilantin, Diphenylhydantoin			LC-MS/MS	LC-MS/MS	
Promethazine	Prothiazine, Phenergan			GC Scan	GC/MS	
Quetiapine	Seroquel			GC Scan	GC/MS	
Secobarbital	Seconal	Barbiturates	11		LC-MS/MS	
Tapentadol	Nucynta			GC Scan	GC/MS	
Temazepam	Restoril	Benzodiazepines	5,7,11		LC-MS/MS	
Toxic Vapors (Toluene, Polyfluorinated Ethanes)	Paint, dust-off			Toxic Vapors	GC-FID	Qual only
Tramadol	Ultram, Tramal	Tramadol	11		GC/MS	
Trazodone	Desyrl			GC Scan	GC/MS	
Triazolam		Benzodiazepines	5,7,11	LC-MS/MS		Screen only
Volatiles (Acetone, Hexanes, Methanol, Isopropanol)	Plastic cement, glue				GC-FID	Qual only
Zolpidem	Ambien	Zolpidem	5,7,11		LC-MS/MS	

ChemaTox Reference Laboratory Compounds

Screening and/or confirmation testing on the following drugs is offered through one of our approved reference laboratories, as indicated below. This list is not comprehensive. Please contact ChemaTox with any specific questions regarding capabilities and costs of reference laboratory testing.

Drug Category	Drugs Included	Laboratory
Benzodiazepines	Clobazam, Estazolam, Flurazepam, Triazolam	CSU
"Z" Drugs	Zopiclone, Zaleplon	CSU
Hallucinogens	Psilocin, LSD-25, Mescaline	CSU or NMS
Neuroleptics	Gabapentin, Pregablin	CSU
Other	Synthetic Cannabinoids, Bath Salts, Psychedelic Phenethylamines	CSU or NMS

To discuss requests for drugs not listed in this document, please don't hesitate to contact us at DREtox@chematox.com or (303)440-4500

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