

Drugs Detectable by Drug Screen

This test specifically screens for each of the drugs listed below. Results for drugs indicated by # are quantitative in plasma, all others are qualitative. All results are qualitative in urine and gastric fluid.

Plasma (and Gastric)

Analgesics:

Acetaminophen (Tylenol®)#
Acetylsalicylate (Aspirin®)#
Advil® (Ibuprofen)
Ansaid® (Flurbiprofen)
Aspirin® (Acetylsalicylate)#
Butazolidin® (Phenylbutazone)
Clinoril® (Sulindac)
Darvon® (Propoxyphene)#
Fenoprofen (Nalfon®)
Flurbiprofen (Ansaid®)
Ibuprofen (Motrin®, Advil®, Nuprin®)
Indocin® (Indomethacin)
Indomethacin (Indocin®)
Ketoprofen (Orudis®)
Ketorolac (Toradol®)
Midazolam (Versed®)
Motrin® (Ibuprofen)
Nalfon® (Fenoprofen)
Naprosyn® (Naproxen)
Naproxen (Naprosyn®)
Nuprin® (Ibuprofen)
Orudis® (Ketoprofen)
Phenylbutazone (Butazolidin®)
Propoxyphene (Darvon®)#
Salicylate#
Sulindac (Clinoril®)
Toradol® (Ketorolac)
Tolectin® (Tolmetin)
Tolmetin (Tolectin®)
Tramadol (Ultram®)
Tylenol® (Acetaminophen)#
Ultram® (Tramadol)
Versed® (Midazolam)

Anticonvulsants:

Carbamazepine (Carbatrol®, Tegretol®)#
Carbatrol® (Carbamazepine)#
Celontin® (Methsuximide)#
Depakene® (Valproic Acid)#
Dilantin® (Phenytoin)#
Ethosuximide (Zarontin®)#
Felbamate (Felbatol®)#
Felbatol® (Felbamate)#
Gabapentin (Neurontin®)#
Lamictal® (Lamotrigine)#
Lamotrigine (Lamictal®)#
Mebaral® (Mephobarbital)#
Mephobarbital (Mebaral®)#
Methsuximide (Celontin®)#
Mysoline® (Primidone)#
Neurontin® (Gabapentin)#
Phenobarbital#
Phenytoin (Dilantin®, Phosphenytoin®)#
Phosphenytoin® (Phenytoin)#
Primidone (Mysoline®)#

Tegretol® (Carbamazepine)#
Topamax® (Topiramate)#
Topiramate (Topamax®)#
Valproic Acid (Depakene®)#
Zarontin® (Ethosuximide)#

Barbiturates:

Amobarbital (Amytal®)#
Amytal® (Amobarbital)#
Barbital
Butabarbital (Butisol®)#
Butalbital (Fiorinal®)#
Butisol® (Butabarbital)#
Fiorinal® (Butalbital)#
Mebaral® (Mephobarbital)#
Mephobarbital (Mebaral®)#
Mysoline® (Primidone)#
Nembutal® (Pentobarbital)#
Pentobarbital (Nembutal®)#
Pentothal® (Thiopental)#
Phenobarbital (many products)#
Primidone (Mysoline®)#
Secobarbital (Seconal®)#
Seconal® (Secobarbital)#
Thiopental (Pentothal®)#

Psychotropics:

Ambien® (Zolpidem)
Amitriptyline (Elavil®)#
Anafranil® (Clomipramine)#
Ativan® (Lorazepam)
Bupropion (Wellbutrin®)#
Celexa® (Citalopram)
Chlordiazepoxide (Librium®)#
Citalopram (Celexa®)
Clomipramine (Anafranil®)#
Clozapine (Clozaril®)
Clozaril® (Clozapine)
Cocaine*
Codeine*
Dalmane® (Flurazepam)
Desalkyl Flurazepam (metabolite)
Desipramine (Norpramin®)*#
Desyrel® (Trazodone)#
Diazepam (Valium®)#
Doxepin (Sinequan®)#
Effexor® (Venlafaxine)
Elavil® (Amitriptyline)#
Fluoxetine (Prozac®)#
Flurazepam (Dalmane®)#
Imipramine (Tofranil®)#
Librium® (Chlordiazepoxide)#
Lorazepam (Ativan®)
Ludiomil® (Maprotiline)*
Maprotiline (Ludiomil®)*
Mirtazapine (Remeran®)

Nordiazepam (Tranxene®)#
Norpramin® (Desipramine)*#
Nortriptyline (Pamelor®)*#
Oxazepam (Serax®)#
Pamelor® (Nortriptyline)*#
Paroxetine (Paxil™)*
Paxil™ (Paroxetine)*
Prozac® (Fluoxetine)#
Remeran® (Mirtazapine)
Restoril® (Temazepam)#
Serax® (Oxazepam)#
Sertraline (Zoloft®)#
Sinequan® (Doxepin)#
Surmontil® (Trimipramine)#
Temazepam (Restoril®)#
Tofranil® (Imipramine)#
Tranxene® (Nordiazepam)#
Trazodone (Desyrel®)#
Trimipramine (Surmontil®)#
Valium® (Diazepam)#
Venlafaxine (Effexor®)
Wellbutrin® (Bupropion)#
Zoloft® (Sertraline)#
Zolpidem (Ambien®)

Sedatives:

Benadryl® (Diphenhydramine)#
Carisoprodol (Soma®)#
Diphenhydramine (Benadryl®)#
Doriden® (Glutethimide)
Doxylamine (Unisom®)
Ethchlorvynol (Placidyl®)
Glutethimide (Doriden®)
Meprobamate (Miltown®, etc.)#
Methyprylon (Noludar®)
Miltown® (Meprobamate)#
Noludar® (Methyprylon)
Placidyl® (Ethchlorvynol)
Soma® (Carisoprodol)#
Unisom® (Doxylamine)

Stimulants:

Caffeine°
Nicotine*
Theobromine (Cacao Bean Products)
Theophylline (Aminophylline, etc.)#

Sympathomimetics:

None

Plasma (and Gastric) (Cont.)

<i>Other:</i>	Pentoxifylline (Trental®)	Trental® (Pentoxifylline)
Bactrim™ (Sulfamethoxazole, Trimethoprim)	Phenyltoloxamine (Kutrase®)	Trimethobenzamide (Tigan®)
Calan® (Verapamil)	Quinidex® (Quinidine)#	Trimethoprim (Bactrim™)
Cardizem® (Diltiazem)	Quinidine (Quinidex®)#	Verapamil (Calan®)
Diltiazem (Cardizem®)	Reglan® (Metoclopramide)	Xylocaine® (Lidocaine)#
Flagyl® (Metronidazole)	Sulfadiazine	
Gantrisin® (Sulfisoxazole)	Sulfamethoxazole (Bactrim™)	
Kutrase® (Phenyltoloxamine)	Sulfapyridine	
Lidocaine (Xylocaine®)#	Sulfisoxazole (Gantrisin®)	
Metoclopramide (Reglan®)	Ticlid® (Ticlopidine)	
Metronidazole (Flagyl®)	Ticlopidine (Ticlid®)	
	Tigan® (Trimethobenzamide)	

Note: Digoxin and lithium are not detected in these procedures.

Urine

All drugs detectable in plasma are also detectable in urine. Because the minor tranquilizers are extensively metabolized and new generation benzodiazepines (eg, alprazolam, flunitrazepam, and triazolam) are administered at such low doses, they are difficult to detect in urine at therapeutic concentrations. There is considerable interest in the drug Rohypnol®, known as the date-rape drug. The active agent is flunitrazepam, and its major metabolite, 7-aminoflunitrazepam, can be detected in urine for approximately 4 days after exposure. #80370 “Benzodiazepine Confirmation, Urine” should be ordered if the physician suspects such benzodiazepines.

The following are detected in urine but not in plasma:

<i>Analgesics:</i>	Haloperidol (Haldol®)*	MDA (Methylenedioxyamphetamine)
Cyclobenzaprine (Flexeril®)	Mellaril® (Thioridazine)	MDMA (Methylenedioxymethamphetamine) Metabolite
Demerol® (Meperidine)	Methaqualone (Quaalude®)	Methylenedioxyamphetamine (MDA)
Dilaudid® (Hydromorphone)	Phenergan® (Promethazine)	Methylenedioxymethamphetamine (MDMA) Metabolite
Dolophine® (Methadone)	Prochlorperazine (Compazine®)	Methamphetamine (Desoxyn®)
Flexeril® (Cyclobenzaprine)	Promethazine (Phenergan®)	Methylphenidate (Ritalin®)*
Hycodan® (Hydrocodone)	Quaalude® (Methaqualone)	Phencyclidine (Angel Dust)
Hydrocodone (Hycodan®, Vicodin®)	Stelazine® (Trifluoperazine)*	Phentermine (Fastin®)
Hydromorphone (Dilaudid®, LorTab®)	Tetrahydrocannabinol (THC)	Phenylpropanolamine (Dexatrim®, etc.)
LorTab® (Hydromorphone)	Thioridazine (Mellaril®)	Ritalin® (Methylphenidate)*
Meperidine (Demerol®)	Thorazine® (Chlorpromazine)	Strychnine
Methadone (Dolophine®)	Trifluoperazine (Stelazine®)*	Unisom® (Doxylamine)
6-Monoacetyl Morphine (on request)		
Morphine	<i>Sedatives:</i>	
Numorphan® (Oxymorphone)	Atarax® (Hydroxyzine)	
Oxycodone (OxyContin®, Percodan®)	Flunitrazepam (Rohypnol®)	<i>Sympathomimetics:</i>
OxyContin® (Oxycodone)	Hydroxyzine (Atarax®)	Anahist®, etc. (Thonzylamine)
Oxymorphone (Numorphan®)	Pyrilamine (Sominex®, etc.)	Benadryl® (Diphenhydramine)
Pentazocine (Talwin®)	Rohypnol® (Flunitrazepam)	Brompheniramine
Percodan® (Oxycodone)	Sominex® (Pyrilamine)	Chlorpheniramine
Talwin® (Pentazocine)		Dextromethorphan
Vicodin® (Hydrocodone)	<i>Stimulants:</i>	Diphenhydramine (Benadryl®)
	Amphetamine (Benzedrine®)	d-Ephedrine (Sudafed®)
<i>Psychotropics:</i>	Angel Dust (Phencyclidine)	l-Ephedrine
Bentyl® (Dicyclomine)	Benzedrine® (Amphetamine)	Phenylephrine
Benztropine (Cogentin®)	Benzoyllecgonine (Cocaine Metabolite)	Phenylpropanolamine
Chlorpromazine (Thorazine®)	Cocaine	Pseudoephedrine (d-Ephedrine)
Cogentin® (Benztropine)	Desoxyn® (Methamphetamine)	Sudafed® (d-Ephedrine)
Compazine® (Prochlorperazine)	Dexatrim®, etc. (Phenylpropanolamine)	Thonzylamine (Anahist®, etc.)
Dicyclomine (Bentyl®)	Doxylamine (Unisom®)	
Haldol® (Haloperidol)*	Fastin® (Phentermine)	

*Drug detectable only when present at toxic levels.

°Results reported only if >15 µg/mL.

#Drug is quantified in serum, plasma, or blood and reported with reference range.

Note: Drugs not quantified in serum, plasma, or whole blood do not have established reference ranges.