

# Drug Testing, General Toxicology (Blood, Urine, or Serum)

| Analyte                      | Common Trade Names                   | Report Format (if different from analyte name)          | Limit of Detection (ng/mL) |                  |                  |
|------------------------------|--------------------------------------|---|----------------------------|------------------|------------------|
|                              |                                      |   | Urine<br>TC91359           | Serum<br>TC91360 | Blood<br>TC91358 |
| 2-hydroxyethylflurazepam     | Dalmane®                             | 2-hydroxyethylflurazepam (Flurazepam Metabolite)        | 250                        | 250              | 250              |
| 6-Hydroxy Buspirone          | Buspar®                              | 6-Hydroxy Buspirone (Buspirone Metabolite)              | 10                         | 10               | 10               |
| 6-Monoacetylmorphine         | 6-MAM                                | 6-Monoacetylmorphine (Heroin Metabolite)                | 10                         | 50               | 50               |
| 7-aminoclonazepam            | Klonopin®                            | 7-aminoclonazepam (Clonazepam Metabolite)               | 100                        | 50               | 100              |
| 7-Aminoflunitrazepam         | Rohypnol®                            | 7-Aminoflunitrazepam (Flunitrazepam Metabolite)         | 50                         | 100              | 50               |
| Acetaminophen                | Tylenol®, Paracetamol                |   | 500                        | 500              | 500              |
| Acetyl Fentanyl              |                                      |   | 10                         | 10               | 10               |
| Alprazolam                   | Xanax®                               |   | 50                         | 10               | 10               |
| Amitriptyline                | Elavil®                              |   | 50                         | 50               | 10               |
| Amobarbital                  | Amytal®                              |   | 500                        | 500              | 250              |
| Amoxapine                    | Asendin®                             |   | 50                         | 10               | 100              |
| Amphetamine                  | Adderall®                            |   | 100                        | 100              | 100              |
| Atenolol                     | Senormin®, Tenormin®                 |   | 100                        | 100              | 100              |
| Atropine                     |                                      |   | 10                         | 10               | 10               |
| Benzoylcegonine              | Cocaine                              | Benzoylcegonine (Cocaine Metabolite)                    | 10                         | 10               | 10               |
| Brompheniramine              |                                      |   | 50                         | 100              | 50               |
| Buprenorphine                | Subutex®, Suboxone®, Buprenex®, etc. |   | 100                        | 100              | 100              |
| Butabarbital                 | Butisol®                             |   | 500                        | 500              | 1000             |
| Butalbital                   | Fioricet®                            |   | 1000                       | 1000             | 1000             |
| Caffeine                     |                                      |   | 50                         | 50               | 50               |
| Carbamazepine-10, 11-Epoxyde | Carbamazepine                        | Carbamazepine-10, 11-Epoxyde (Carbamazepine Metabolite) | 10                         | 10               | 10               |
| Carbamazepine                | Tegretol®                            |   | 50                         | 50               | 10               |
| Carisoprodol                 | Soma®                                |   | 250                        | 250              | 100              |
| Chlordiazepoxide             | Librium®                             |   | 50                         | 50               | 50               |
| Chlorpheniramine             | Dimetapp®, Drixoral®, Actifed®, etc. |   | 10                         | 10               | 10               |
| Chlorpromazine               | Thorazine®                           |   | 50                         | 100              | 50               |
| Citalopram/Escitalopram      | Celexa®                              |   | 10                         | 50               | 50               |
| Clomipramine                 | Anafranil®                           |   | 50                         | 10               | 10               |
| Clonazepam                   | Klonopin®                            |   | 100                        | 100              | 50               |
| Clozapine                    | Clozaril®                            |   | 10                         | 10               | 10               |
| Cocaethylene                 | Cocaine                              | Cocaethylene (Cocaine Metabolite)                       | 10                         | 10               | 10               |
| Cocaine                      |                                      |   | 10                         | 50               | 50               |
| Codeine                      | Tylenol 3®, etc.                     |   | 50                         | 50               | 50               |
| Cotinine                     | Nicotine                             | Cotinine (Nicotine Metabolite)                          | 50                         | 50               | 50               |
| Cyclobenzaprine              | Flexeril®                            |   | 10                         | 10               | 10               |
| Desipramine                  | Norpramin, Imipramine                | Desipramine (Imipramine Metabolite)                     | 50                         | 10               | 50               |

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|---------------------------------|------------------------------|--|------|-----|------|
| Desmethyloclozapine             | Clozapine                    | Desmethyloclozapine (Clozapine Metabolite) | 10   | 10  | 50   |
| Desmethyldoxepin                | Doxepin                      | Desmethyldoxepin (Doxepin Metabolite)      | 10   | 10  | 10   |
| Dextromethorphan                | Various Cold Medications     |  | 10   | 10  | 10   |
| Dextrorphan                     | Various Cold Medications     |  | 10   | 10  | 10   |
| Diazepam                        | Valium®                      |  | 50   | 10  | 10   |
| Dihydrocodeine                  | Vicodin®                     | Dihydrocodeine (Hydrocodone Metabolite)    | 10   | 10  | 50   |
| Diltiazem                       | Progor®                      |  | 10   | 10  | 10   |
| Diphenhydramine                 | Benadryl®                    |  | 10   | 10  | 10   |
| Disopyramide                    | Norpace®                     |  | 10   | 10  | 10   |
| Doxepin                         | Adapin®, Sinequan®           |  | 10   | 10  | 10   |
| Doxylamine                      | Unisom®                      |  | 10   | 50  | 50   |
| Duloxetine                      | Cymbalta®                    |  | 250  | 250 | 250  |
| EDDP                            | Methadone                    | EDDP (Methadone Metabolite)                | 10   | 10  | 10   |
| Ephedrine/<br>Pseudoephedrine   |                              | Ephedrine/Pseudoephedrine                  | 50   | 50  | 50   |
| Fentanyl                        |                              |  | 10   | 10  | 10   |
| Flunitrazepam                   | Rohypnol®                    |  | 10   | 10  | 10   |
| Fluoxetine                      | Prozac®                      |  | 50   | 50  | 50   |
| Fluphenazine                    | Prolixin®                    |  | 100  | 50  | 10   |
| Flurazepam                      | Dalmane®                     |  | 10   | 50  | 10   |
| Gabapentin                      | Neurontin®, Gabarone®        |  | 500  | 250 | 100  |
| Hydrocodone                     | Vicodin®                     |  | 10   | 10  | 10   |
| Hydromorphone                   | Dilaudid®                    |  | 50   | 50  | 50   |
| Hydroxybupropion                | Bupropion                    | Hydroxybupropion (Bupropion Metabolite)    | 10   | 10  | 10   |
| Hydroxyzine                     | Vistaril®, Atarax®           |  | 10   | 10  | 10   |
| Ibuprofen                       | Advil®, Motrin®              |  | 1000 | 500 | 1000 |
| Imipramine                      | Tofranil®                    |  | 10   | 50  | 10   |
| Ketamine                        |                              |  | 10   | 10  | 10   |
| Lamotrigine                     | Lamictal®                    |  | 50   | 50  | 50   |
| Lidocaine                       | Xylocaine®                   |  | 10   | 10  | 10   |
| Lorazepam                       | Ativan®                      |  | 100  | 100 | 50   |
| Loxapine                        | Loxitane®                    |  | 10   | 10  | 10   |
| Maprotiline                     | Ludiomil®                    |  | 10   | 10  | 10   |
| Methylenedioxy-amphetamine      | MDA                          | MDA (Methylenedioxy-amphetamine)           | 250  | 250 | 250  |
| Methylenedioxy-ethylamphetamine | MDEA                         | MDEA (Methylenedioxy-ethylamphetamine)     | 50   | 50  | 50   |
| Methylenedioxy-methamphetamine  | MDMA                         | MDMA (Methylenedioxy-methamphetamine)      | 10   | 10  | 10   |
| MEGx                            | Lidocaine                    | MEGx (Lidocaine Metabolite)                | 10   | 50  | 50   |
| Meperidine                      | Demerol®                     |  | 10   | 10  | 10   |
| Meprobamate                     | Miltown®, Equanil®           | Meprobamate (Carisoprodol Metabolite)      | 250  | 250 | 250  |
| Mesoridazine                    | Serentil®                    |  | 10   | 10  | 10   |
| Methadone                       | Dolophine®, Methadose®, etc. |  | 10   | 10  | 10   |

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|                        |   |  |      |      |      |
|------------------------|---|--|------|------|------|
| Methamphetamine        | Desoxyn®  | Methamphetamine                                    | 50   | 100  | 50   |
| Methocarbamol          | Robaxin®  |  | 100  | 100  | 100  |
| Methylphenidate        | Concerta®,<br>Ritalin®,<br>Metadate®,<br>Methylin®                      |  | 10   | 10   | 10   |
| Metoprolol             | Lopressor®,<br>Toprol®  |  | 50   | 10   | 50   |
| Midazolam              | Versed®   |  | 10   | 10   | 10   |
| Mirtazapine            | Remeron®  |  | 10   | 10   | 10   |
| Morphine               |   |  | 100  | 50   | 50   |
| N-acetylprocainamide   | NAPA  | NAPA (Procainamide Metabolite)                     | 10   | 10   | 50   |
| Naproxen               | Aleve®  |  | 100  | 100  | 100  |
| Norbuprenorphine       | Buprenorphine   | Norbuprenorphine<br>(Buprenorphine Metabolite)     | 100  | 100  | 100  |
| Nordiazepam            | Diazepam,<br>Chlordiazepoxide,<br>Clorazepate®                          | Nordiazepam<br>(Diazepam Metabolite)               | 100  | 50   | 50   |
| Norfentanyl            | Fentanyl  | Norfentanyl (Fentanyl Metabolite)                  | 50   | 10   | 10   |
| Norhydrocodone         | Hydrocodone   | Norhydrocodone<br>(Hydrocodone Metabolite)         | 50   | 50   | 10   |
| Norketamine            | Ketamine  | Norketamine<br>(Ketamine Metabolite)               | 50   | 10   | 50   |
| Normeperidine          | Meperidine  | Normeperidine<br>(Meperidine Metabolite)           | 1000 | 1000 | 1000 |
| Noroxycodone           | Oxycodone   | Noroxycodone<br>(Oxycodone Metabolite)             | 250  | 100  | 250  |
| Noroxymorphone         | Oxymorphone   | Noroxymorphone<br>(Oxymorphone Metabolite)         | 500  | 250  | 100  |
| Norpropoxyphene        | Propoxyphene  | Norpropoxyphene<br>(Propoxyphene Metabolite)       | 100  | 50   | 50   |
| Nortriptyline          | Pamelor®,<br>Adventyl®  | Nortriptyline<br>(Amitriptyline Metabolite)        | 50   | 50   | 50   |
| Norverapamil           | Verapamil®  | Norverapamil<br>(Verapamil Metabolite)             | 50   | 10   | 10   |
| O-Desmethylvenlafaxine | Pristiq®, Effexor®  | O-Desmethylvenlafaxine<br>(Venlafaxine Metabolite) | 10   | 50   | 10   |
| Olanzapine             | Zyprexa®  |  | 100  | 50   | 50   |
| Oxazepam               | Serax®,<br>Diazepam,<br>Chlordiazepoxide,<br>Clorazepate®,<br>Temazepam |  | 50   | 50   | 50   |
| Oxcarbazepine          | Trileptal®  |  | 250  | 250  | 250  |
| Oxycodone              | OxyContin®,<br>Percocet®  |  | 10   | 10   | 10   |
| Oxymorphone            | Opana®  |  | 50   | 50   | 100  |
| Paroxetine             | Paxil®  |  | 50   | 50   | 50   |
| Phencyclidine          | PCP   | Phencyclidine (PCP)                                | 50   | 50   | 50   |
| Pentazocine            |   |  | 10   | 10   | 10   |
| Pentobarbital          | Nembutal®   |  | 500  | 500  | 250  |
| Phenobarbital          | Solfoton®   |  | 500  | 500  | 500  |
| Phentermine            | Ionamin®  | Phentermine  | 50   | 50   | 50   |
| Phenylpropanolamine    |   |  | 500  | 500  | 500  |
| Phenytoin              | Dilantin®   |  | 1000 | 1000 | 1000 |

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|                        |   |   |         |         |         |
|------------------------|---|---|---------|---------|---------|
| Pregabalin             | Lyrica®                                       |   | 250     | 250     | 250     |
| Procainamide           | Pronestyl®                                    |   | 50      | 50      | 50      |
| Promazine              | Sparine®                                      | Promazine                                       | 100     | 100     | 50      |
| Promethazine           | Pentazine®,<br>Phenadoz®,<br>Phenergan®, etc. | Promethazine                                    | 50      | 100     | 10      |
| Propoxyphene           | Darvon®                                       |   | 100     | 50      | 100     |
| Propranolol            | Inderal®                                      |   | 50      | 10      | 10      |
| Protriptyline          | Vivactil®                                     |   | 10      | 10      | 10      |
| Pseudoephedrine        | Sudafed®                                      | Ephedrine/Pseudoephedrine                       | 10      | 10      | 50      |
| Pyrilamine             |   |   | 10      | 10      | 10      |
| Quetiapine             | Seroquel®                                     |   | 10      | 10      | 10      |
| Quinidine              |   | Quinidine/Quinine                               | 100     | 100     | 50      |
| Quinine                | Qualaquin®                                    | Quinidine/Quinine                               | 250     | 250     | 250     |
| Risperidone            |   |   | 10      | 10      | 10      |
| Salicylic Acid         | Aspirin                                       |   | 1000    | 1000    | 500     |
| Secobarbital           | Seconal Sodium®                               |   | 500     | 500     | 250     |
| Sertraline             | Zoloft®                                       |   | 50      | 50      | 50      |
| Tapentadol             | Nucynta®                                      |   | 10      | 10      | 10      |
| Temazepam              | Restoril®                                     |   | 10      | 10      | 10      |
| THC-COOH               | Marijuana,<br>Tetrahydrocannab<br>inol, THC   |   | 100     | 100     | 100     |
| Thioridazine           | Mellaril®                                     |   | 100     | 50      | 50      |
| Topiramate             | Topamax®                                      |   | 50      | 50      | 50      |
| Tramadol               | Ultram®, Rybix®,<br>Ryzolt®, etc.             |   | 50      | 10      | 10      |
| Trazodone              | Desyrel®,<br>Oleptro®                         |   | 10      | 10      | 10      |
| Trifluoperazine        | Stelazine®                                    |   | 250     | 50      | 50      |
| Trimethoprim           | Proloprim®,<br>Trimpex®                       |   | 10      | 10      | 10      |
| Trimipramine           | Surmontil®                                    |   | 50      | 10      | 10      |
| Tripelennamine         |   |   | 10      | 10      | 10      |
| Venlafaxine            | Effexor®                                      |   | 10      | 10      | 10      |
| Verapamil              | Calan®, Covera®,<br>Verelan®, etc.            |   | 50      | 10      | 10      |
| Volatiles              |   |   | (mg/dL) | (mg/dL) | (mg/dL) |
| Acetone                | Ketone  |   | 5       | 5       | 5       |
| Ethanol                | Ethyl Alcohol, Alcoholic Beverages            |   | 5       | 5       | 5       |
| Isopropanol            | Isopropyl Alcohol, Rubbing Alcohol            |   | 5       | 5       | 5       |
| Methanol               | Methyl Alcohol, Wood Alcohol                  |   | 5       | 5       | 5       |
| Zolpidem               | Ambien®                                       |   | 10      | 10      | 10      |
| Zolpidem-Phenyl-4-COOH | Zolpidem®                                     | Zolpidem-Phenyl-4-COOH<br>(Zolpidem Metabolite) | 10      | 50      | 10      |

This FAQ is provided for informational purposes only and is not intended as medical advice. A physician's test selection and interpretation, diagnosis, and patient management decisions should be based on his/her education, clinical expertise, and assessment of the patient.

Document FAQs.101 Version: 1  
Version 1 effective 02/11/2020 to present  
Version 0 effective 07/17/2013 to 02/11/2020