



DRUG TESTING SERVICES

A CLINICAL TEST COMPENDIUM

PROFILE POLICY

LabCorp's policy is to provide physicians, in each instance, with the flexibility to choose appropriate tests for the individual patient, including the convenience of ordering test combinations/profiles. This flexibility does not distance physicians from making deliberate decisions regarding which tests are medically necessary. In addition, the physician should only order those tests that he or she believes are medically necessary for each patient, and a lesser inclusive profile or individual tests should be ordered if not all tests in the test combination/profile are medically necessary.

In an effort to keep our clients fully informed of the content, charges, and CPT codes included in its test combinations/profiles when billed to Medicare or other third-party payers, LabCorp periodically sends notices concerning customized test combinations/profiles.

Please remember that (1) when ordering tests for which Medicare or Medicaid reimbursement is sought, the physician should only order those tests that the physician believes are medically necessary for each patient, (2) using a customized profile may result in ordering tests for which Medicare or Medicaid will deny payment, (3) the physician should only order individual tests or a less inclusive profile where not all the tests in the customized test combination/profile are medically necessary for an individual patient, and (4) the United States Department of Health and Human Services, Office of Inspector General, takes the position that a physician who orders medically unnecessary tests may be subject to civil penalties.

All tests offered in test combinations/profiles may be ordered separately using the LabCorp test request form or LabCorp Link™. LabCorp encourages clients to contact their local LabCorp representative or LabCorp location if the testing configurations shown here do not meet individual needs for any reason, or if some other combination of procedures is needed. For more information, or if you do not know who your LabCorp Sales is, please contact us at 877-474-5767 or MedWatchMTX@LabCorp.com.

URINE DRUG TESTING

LabCorp is an industry-leading provider of urine drug testing services

LabCorp has developed several testing services to help meet the drug testing needs of different patient populations. Our drug test menu includes various methodologies, drug classes/metabolites, detection thresholds, and interpretive reports designed for each clinical need.

This compendium is intended as a resource for clients ordering drug testing and includes assays performed at LabCorp as well as specialized testing from MedTox Laboratories. The procedures listed are among the most commonly ordered for each clinical use.

Contents

Medical Drug Monitoring Testing (MDM)	Page 3-4
Medication Assisted Treatment Testing (MAT)	Page 5
General Drug Testing (General)	Page 6
Partners in Pregnancy Drug Testing (OBGYN)	Page 7
Occupational Drug Testing (OTS)	Page 8
Index	Page 9
Drug Reference Guide	Page 9
Drug Metabolism Guide	Page 10

Specimen Requirements. Additional specimen types not listed in this compendium may be available for testing. For more information, please consult the electronic Directory of Services and Interpretative Guide at <https://www.labcorp.com/wps/portal/provider/testmenu>, LabCorp's comprehensive menu of clinical procedures.

The CPT codes included in this publication are in accordance with *Current Procedural Terminology*, a publication of the American Medical Association. CPT codes are provided here for the convenience of our clients; however, correct coding often varies from one carrier to another, and specific carriers may be billed using codes other than those shown. Clients who bill for services should verify the codes with the applicable payor to confirm that their use is appropriate in each case.

LabCorp offers comprehensive individual and profile drug test options which can be found in the LabCorp the test menu at www.LabCorp.com. Physicians should order only those tests necessary to make individualized patient treatment.

Medical Drug Monitoring (MDM) provides physicians with information relevant to the treatment of patients who are prescribed pain medications or other controlled substances. LabCorp's MedWatch program is designed to assist physicians in monitoring patients for medication compliance, as well as to identify potentially dangerous drug interactions.

	Monitor 10-Drug Class Profile (LabCorp MedWatch®)	Monitor 14-Drug Class Profile (LabCorp MedWatch®)	ToxAssure® Select Profile (LabCorp MedWatch®)*	ToxAssure® Comprehensive Profile (LabCorp MedWatch®)*
Test No	764383	764422	738526	790600
Prescribed Medication Interpretation Report	Order test number 733346 in addition to test number above	Order test number 733346 in addition to test number above	Included	Included
Test Methodology	Immunoassay (IA) Screen, reflex to Mass Spectrometry (MS) Confirm	IA Screen, reflex to MS Confirm	LC-MS/MS† with IA screen used for select drug classes	LC-MS/MS with IA screen used for select drug classes
CPT Code(s)	80307; addtl CPT if reflex to confirm	80307; addtl CPT if reflex to confirm	80307; 80324; 80347; 80348; 80353; 80354; 80358; 80359; 80361, 80365; 80372; 80373	80307; 80326; 80331; 80334; 80337; 80338; 80341; 80344; 80347; 80348; 80353; 80354; 80355; 80357; 80358; 80359; 80360; 80361; 80364; 80365; 80366; 80367; 80368; 80370; 80371; 80372; 80373; 80377; 83992
Specimen	50 mL random urine	50 mL random urine	30 mL random urine Minimum: 3 mL	30 mL random urine Minimum: 3 mL
Container	Urine container, with temperature strip. 90 mL snap lid with bag (#106494)	Urine container, with temperature strip. 90 mL snap lid with bag (#106494)	Urine container, with temperature strip. 90 mL snap lid with bag (#106494)	Urine container, with temperature strip. 90 mL snap lid with bag (#106494)
Total Drug Classes Included	10	14	14	27
Total Drug Metabolites Included	28	34	58	193
Specimen Validity Testing	Creatinine with reflex to specific gravity, pH	Creatinine with reflex to specific gravity, pH	Creatinine with normalized drug concentration	Creatinine with normalized drug concentration

DRUG/DRUG CLASSES INCLUDED

Alcohol (Ethyl)			+	+
Amphetamines	+	+	+	+
Barbiturates	+	+	+	+
Benzodiazepines	+	+	+	+
Buprenorphine		+	+	+
Cannabinoid (THC)	+	+	+	+
Cocaine	+	+	+	+
Fentanyl		+	+	+
Meperidine		+		+
Methadone	+	+	+	+
Opiates	+	+	+	+
Oxycodone/Oxymorphone	+	+	+	+
Phencyclidine (PCP)	+	+		+
Propoxyphene	+	+		+
Tapentadol			+	+
Tramadol		+	+	+

ADDITIONAL DRUG/DRUG CLASSES

Analgesics/NSAIDS				+
Anticonvulsants				+
Antidepressants				+
Antihistamines				+
Antipsychotics				+
Local Anesthetics				+
Muscle Relaxants				+
Other Hallucinogens				+
Other Opioids				+
Other Sedative/Hypnotics				+

Note: Individual tests including EtG/EtS, naloxone, and D & L isomers may be ordered separately with profiles upon request.

* Testing performed at MedTox Laboratories.

† Liquid chromatography tandem mass spectrometry (LC-MS/MS)

Medical Drug Monitoring Profiles – Summary by Drug Classes

	Monitor Screen 10-Drug Class Profile (LabCorp MedWatch®)	Monitor Screen 14-Drug Class Profile (LabCorp MedWatch®)	Confirmatory Drug Analysis
Test No	733692	733726	See test order numbers below
Prescribed Medication Interpretation Report	Not Available	Not Available	Order test number 733346 in addition to confirmation test number/s below
Test Methodology	IA Screen Only	IA Screen Only	MS Confirm
CPT Code(s)	80307	80307	See online directory for each test
Specimen	50 mL random urine	50 mL random urine	See individual confirmation test requirements
Container	Urine container (#106494)	Urine container (#106494)	Urine container (#106494)
Total Drug Classes Included	10	14	individually ordered
Total Drug Metabolites Included	N/A	N/A	varies
Specimen Validity Testing	Creatinine with reflex to specific gravity, pH	Creatinine with reflex to specific gravity, pH	Not applicable

DRUG/DRUG CLASSES INCLUDED			Individual Drug Confirmation Test Numbers
Alcohol (Ethyl)			NA
Amphetamines	+	+	737683
Barbiturates	+	+	737697
Benzodiazepines	+	+	763910
Buprenorphine		+	764400
Cannabinoid (THC)	+	+	737735
Cocaine	+	+	737752
Fentanyl		+	764220
Meperidine		+	761050
Methadone	+	+	737000
Opiates	+	+	737846
Oxycodone/Oxymorphone	+	+	763897
Phencyclidine (PCP)	+	+	737756
Propoxyphene	+	+	737472
Tapentadol			764171
Tramadol		+	761019
ADDITIONAL DRUG/DRUG CLASSES			
Carisoprodol/Meprobamate			761738
Heroin metabolite (6-AM)			737934
MDMA			737741

In an effort to address the opioid crisis, LabCorp has developed several test options to help manage Suboxone® medication assisted treatment for opioid dependent patients.

MAT Monitoring Profiles – Summary by Drug Classes

MAT

	Buprenorphine Medication Assisted Treatment Screen Only, Urine	Buprenorphine Medication Assisted Treatment Monitoring 1, Urine	Buprenorphine Medication Assisted Treatment Monitoring 2, Urine
Test No.	701385	701486	701330
Norbuprenorphine/ Buprenorphine Ratio	No	Yes (if buprenorphine positive)	Yes (if buprenorphine positive)
Test Methodology	Immunoassay (IA) Screen Only	IA Screen, reflex to Mass Spectrometry (MS) Confirm on buprenorphine presumptive positive only	IA Screen, reflex to MS Confirm for all presumptive positives
CPT Code(s)	80307	80307; additional 80348 & 80362 if reflex to confirmation	80307; additional CPT per applicable reflex to confirmation
Specimen	30 mL random urine	30 mL random urine	30 mL random urine
Container	Urine container	Urine container	Urine container
Total Drug Classes Included	15	15	18
Total Drugs/Metabolites Included	N/A	3, if buprenorphine positive	Up to 51 on reflex confirmations
Specimen Validity Testing	Creatinine, pH	Creatinine, pH	Creatinine, pH, Nitrites
DRUG/DRUG CLASSES INCLUDED			
Alcohol Biomarkers (EtG, EtS)	+	+	+
Amphetamines/Methamphetamine d/l Methamphetamine	+	+	if methamphetamine positive
Barbiturates	+	+	+
Benzodiazepines	+	+	+
Buprenorphine	+	+	+
Cannabinoid (THC)	+	+	+
Cocaine	+	+	+
Fentanyl			+
Methadone	+	+	+
Naloxone		if buprenorphine positive	if buprenorphine positive
Opiates	+	+	+
Heroin Metabolite (6-AM)	+	+	+
Oxycodone/Oxymorphone	+	+	+
Phencyclidine (PCP)	+	+	+
Propoxyphene	+	+	+
Tapentadol	+	+	+
Tramadol	+	+	+
Carisoprodol			+
Gabapentin			+

General Drug Testing

General drug testing may be useful when screening for unexpected drug use. This may include, but is not limited to, evaluating underlying causes of medical conditions or behaviors, or screening patients prior to certain treatments. These tests are not designed to monitor compliance with prescribed medications or medication assisted treatment of opioid use disorder.

General Toxicology Profiles (Routine), Urine

	General Tox Drug Profile, Urine, 8 Drugs	General Tox Drug Profile, Urine, 15 Drugs
Test No.	724803	724776
Test Methodology	Immunoassay (IA) Screen, reflex to Mass Spectrometry (MS) Confirm	Immunoassay (IA) Screen, reflex to Mass Spectrometry (MS) Confirm
CPT Codes	80307; additional CPT per applicable reflex	80307; additional CPT per applicable reflex
Specimen	50 mL Random urine	50 mL Random urine
Container	Urine container	Urine container
Total Drug Classes included	8	15
Specimen Validity Testing	Creatinine, pH, specific gravity	Creatinine, pH, specific gravity
DRUG/DRUG CLASSES INCLUDED		
Amphetamine/Methamphetamine	+	+
Barbiturates	+	+
Benzodiazepines	+	+
Buprenorphine		+
Cannabinoids (THC)	+	+
Cocaine	+	+
Methadone		+
Opiates	+	+
Oxycodone	+	+
PCP (Phencyclidine)	+	+
Propoxyphene		+
Tramadol		+
Fentanyl		+
Tapentadol		+
EtG/EtS		+
Specimen Validity Tests	+	+

Partners in Pregnancy Drug Testing

LabCorp's Partners in Pregnancy Drug Profiles were designed for screening during pregnancy. These profiles include the most commonly used illicit and prescriptions drugs as well as alcohol and nicotine metabolites.

	Pregnancy Drug Profile, Urine, 10 Drugs	Pregnancy Drug Profile, Urine, 16 Drugs
Test No.	724774	724775
Test Methodology	Immunoassay (IA) Screen, reflex to Mass Spectrometry (MS) Confirm	Immunoassay (IA) Screen, reflex to Mass Spectrometry (MS) Confirm
CPT Codes	80307; additional CPT per applicable reflex	80307; additional CPT per applicable reflex
Specimen	50 mL Random urine	50 mL Random urine
Container	Urine container	Urine container
Total Drug Classes included	10	16
Specimen Validity Testing	Creatinine, pH, specific gravity	Creatinine, pH, specific gravity
DRUG/DRUG CLASSES INCLUDED		
Alcohol Biomarkers (ETG, ETS)	+	+
Amphetamines	+	+
Barbiturates	+	+
Benzodiazepines	+	+
Buprenorphine		+
Cannabinoid (THC)	+	+
Cocaine	+	+
Fentanyl		+
Methadone		+
Opiates	+	+
Oxycodone	+	+
Phencyclidine	+	+
Propoxyphene		+
Tapentadol		+
Tramadol		+
Nicotine	+	+

Workplace Drug Testing

LabCorp understands that a healthy, productive workforce begins with a drug-free workplace. LabCorp can meet your occupational testing services needs. Numerous testing options and consistently good service are the primary focus of LabCorp's occupational testing services. LabCorp constantly monitors market trends and the latest street drugs. Our commitment to research, combined with leading-edge technology, provides organizations with an innovative test portfolio that reflects societal trends. Our occupational testing laboratory network consists of strategically located facilities throughout the US that are certified by the Substance Abuse and Mental Health Services Administration (SAMHSA). For questions regarding workplace drug testing contact your OTS sales rep or call 1-800-343-8974 (voicemail).

Workplace drug testing services:

- Rapid Tests
- Medical Professional Profiles
- Urine
- Oral Fluid
- Hair
- Alcohol
- Blood

Drug Reference Guide

The following are common drugs of abuse that may be appropriate for drug screening in a clinical setting based on the clinical needs of a particular patient. The information is to be used as a general guideline only. Many variables may affect duration of detectability, such as drug metabolism and half-life, patient's physical condition, fluid balance and state of hydration, and route and frequency of ingestion.

Drug Class	Names	Common Detected Components	Approximate Detection Time in Urine
Amphetamines	Street: bennies, black beauties, crank, ice, speed, uppers Pharmaceutical: Adderall®, Dexedrine®, Benzedrine, Desoxy®®, Methedrine	Amphetamine, methamphetamine	Amphetamines: 1-3 days, max 9 days Methamphetamines: 60 hours, max 6 days
Barbiturates	Street: barbs, blockbusters, christmas trees, downers, goofballs, pinks, red devils, reds & blues, yellow jackets, tranqs Pharmaceutical: Amytal®, phenobarbital, Seconal®, Solfoton, Tuinal®, Fiorinal®, Fioricet	Amobarbital, butalbital, pentobarbital, phenobarbital, secobarbital	Short-acting: 2 days Long-acting: 2-3 weeks
Benzodiazepines and metabolites	Street: bennies, benzos, downers Pharmaceutical: Dalmene, Serax, Valium®, Xanax®	Alprazolam metabolite, clonazepam metabolite, flurazepam metabolite, lorazepam, midazolam metabolite, nordiazepam, oxazepam, temazepam, triazolam metabolite	Therapeutic dose: 3-7 days Extended dosage or chronic use: 4-6 weeks
Buprenorphine	Pharmaceutical: Buprenex, Buprex, Butrans, Subutex	Buprenorphine and/or metabolite	Undocumented
Cannabinoids	Street: blubbers, boom, gangster, ganja, grass, hashish/chara, herb, pot, reefer, weed Pharmaceutical: Marinol®	Marijuana/tetrahydrocannabinol (THC) metabolite	1 time only: 1-4 days; 4 times per week: 1-5 days Moderate users: up to 12 days Chronic users: up to 22 days
Carisoprodol metabolite	Pharmaceutical: Equanil, Miltown®	Meprobamate	Undocumented
Cocaine metabolite	Street: coca, coke, crack, flake, snow, soda cot	Benzoylcegonine	2-3 days, max 22 days in chronic users
Fentanyl	Street: Apache, China girl, dance fever, friend, goodfella, jackpot, murder 8, TNT, Tango and Cash Pharmaceutical: Actiq®, Duragesic®, Sublimaze	Fentanyl	1-2 days
Heroin metabolite	Street: horse, smack, stuff, junk	6-Acetylmorphine	2-24 hours
MDMA (Methylenedioxy-methamphetamine)	Street: Adam, beans, clarity, disco biscuit, E, ecstasy, eve, go, hug drug, lover's speed, MDMA, peace, STP, X, XTC	MDMA, MDA, MDEA	1 to 3 days
Meperidine	Street: demmies, Fortis Pharmaceutical: Demerol®, pethidine	Meperidine and/or metabolite	2-3 days
Methadone	Street: amidone, chocolate chip cookies, fizzies, Maria, pastora, salvia, street methadone, wafer Pharmaceutical: Dolophine®, Methadose®, L-Polamidon, Physeptone	Methadone, EDDP	3 days
Opiates	Street: smack, vikes, Watson-387, juice, D, footballs, dillies, hydro, norco, Captain Cody, robo, schoolboy, M, white stuff Pharmaceutical: codeine, morphine, hydrocodone, hydromorphone, Lortab®, Lorcet®, Dilaudid®, Vicodin®	Codeine, morphine, hydrocodone, hydromorphone	1-2 days
Oxycodone/oxymorphone	Street: Oxy, OC, oxycotton, Oxycet, hillbilly heroin, percs, juice Pharmaceutical: Tylox®, Oxycontin®, Percodan®, Percocet®	Oxycodone, oxymorphone	1-3 days
Phencyclidine	Street: angel dust, crystal, embalming fluid, killer weed, PCP, peace pill, rocket fuel, supergrass Pharmaceutical: Sernyl®, Sernylan®	Phencyclidine	14 days, up to 30 days in chronic users
Propoxyphene	Street: pinks, footballs, yellow footballs, pink footballs, 65s, Ns Pharmaceutical: Darvon®, Darvocet®, Wygesic, Balacet	Propoxyphene and/or metabolite	2 days
Tapentadol	Pharmaceutical: tapentadol, Nucynta®	Tapentadol	Undocumented
Tramadol	Pharmaceutical: tramadol, Nobligan, Topalgic, Tramal, Ultram®, Zamadol, Zydol, ingredient of Ultracet®	Tramadol	Undocumented

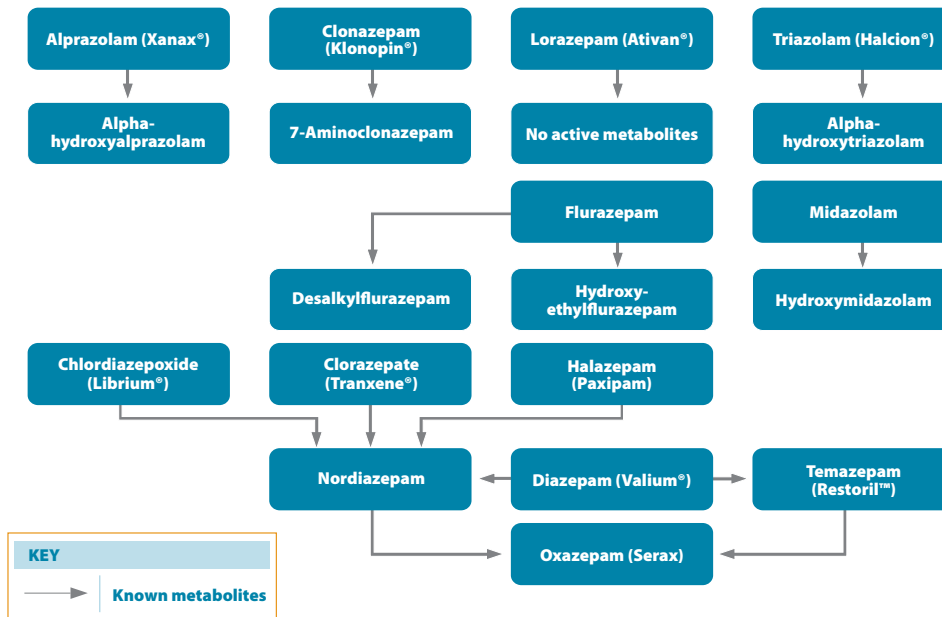
Drug names listed are trademarks of their respective owners.

References:

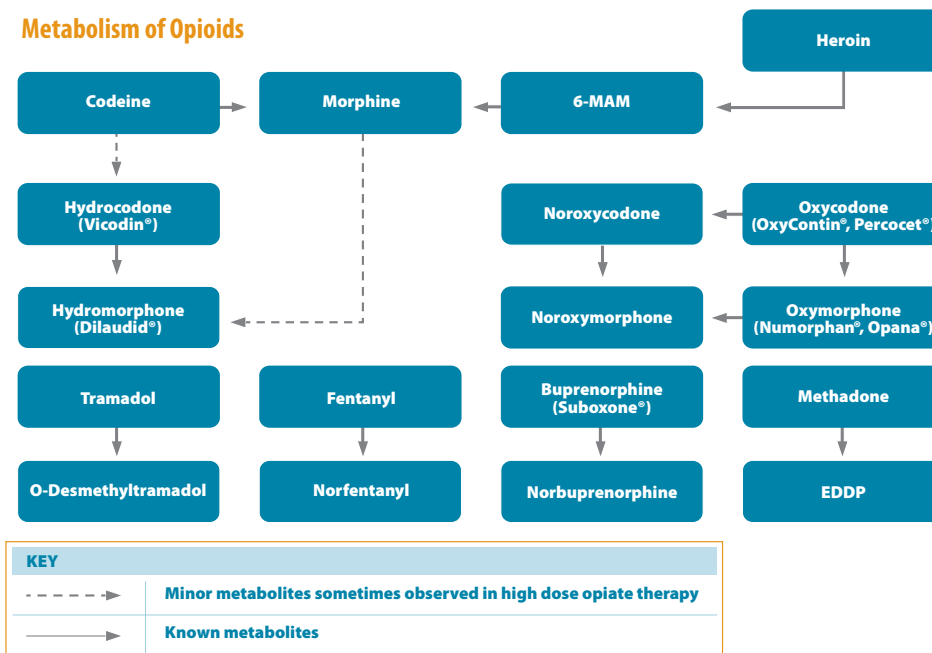
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- Clinical Laboratory Reference Web site www.clr-online.com, Cut-off and toxicity levels for drugs-of-abuse testing, CLR 2011-2012. Accessed Sept. 13, 2012

Drug Metabolism Guide

Metabolism of Benzodiazepines



Metabolism of Opioids



Metabolism of Suboxone®



Reference:

1. Baselt RC. *Disposition of Toxic Drugs and Chemicals in Man*. 9th ed. Seal Beach, Calif: Biomedical Publications, 2011.



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