

DEFINITIVE TESTING RESOURCE FOR MEDICAL DRUG MONITORING GUIDE

This resource is intended to assist with evaluating specimens where point of care or presumptive analyzer testing is performed in the physician office.

If the patient history and/or presumptive screen results indicate that definitive testing may be appropriate, the Labcorp test number listed below may be requested on a Labcorp test request form. Refer to the back for an example of the Labcorp test request form. **Please note: A completed Labcorp test request form is required for ordering any laboratory testing.** Providing a prescribed medication(s) list is also recommended. This is not a complete list of tests and additional testing options can be found at Labcorp.com.

Patient Name: _____ Patient Visit Date: _____

Step 1: Prescribed and/or Self-reported Drugs		Step 2: Presumptive Screen Results			Step 3: Definitive Testing (as appropriate)
Mark appropriate Drug Name for prescribed or identified drugs based on the patient history and/or self-reporting.		Mark Positive or Negative, if applicable. Compare Step 1 and Step 2 to determine appropriate outcome for each drug class (refer to Additional Considerations column and Table 1 below for details).			Definitive testing may be indicated if Step 1 and Step 2 have an outcome of unexpected positive or unexpected negative, or expected positive and identification of a specific drug within the class is desired. Mark the appropriate definitive test that should be ordered on the Labcorp Test Request Form.
Drug Class	Drug Name	Positive (+)	Negative (-)	Additional Considerations	Test No. / Test Name (Requires 10mL urine per test if ordering 2 or more tests)
Amphetamines/ Methamphetamine	<input type="checkbox"/> Amphetamine (Adderall, Vyvanse) <input type="checkbox"/> MDA <input type="checkbox"/> MDMA <input type="checkbox"/> Methamphetamine	<input type="checkbox"/>	<input type="checkbox"/>	†Non-detectable in screen: Methylphenidate ¹ ‡Potential of false positive: Bupropion ² , Ephedrine ¹ , Pseudoephedrine ² , Trazodone ² , Phentermine ¹	910784 Amphetamines Confirmation, Urine
Barbiturates	<input type="checkbox"/> Butalbital (Fiorinal) <input type="checkbox"/> Thiopental <input type="checkbox"/> Phenobarbital <input type="checkbox"/> Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	†Non-detectable in screen: Phenytoin ¹	910512 Barbiturates Confirmation, Urine
Benzodiazepines	<input type="checkbox"/> Alprazolam (Xanax) <input type="checkbox"/> Flurazepam (Dalmane) <input type="checkbox"/> Chlordiazepoxide (Librium) <input type="checkbox"/> Midazolam (Versed) <input type="checkbox"/> Clonazepam* (Klonopin) <input type="checkbox"/> Oxazepam (Serax) <input type="checkbox"/> Clorazepate (Tranxene) <input type="checkbox"/> Temazepam (Restoril) <input type="checkbox"/> Diazepam (Valium) <input type="checkbox"/> Triazolam (Halcion)	<input type="checkbox"/>	<input type="checkbox"/>	†Non-detectable in screen: Lorazepam ³ *Limited detection in screen: Clonazepam ⁴ Labcorp confirmation assay includes detection of these drugs.	910569 Benzodiazepines Confirmation, Urine
Buprenorphine	<input type="checkbox"/> Buprenorphine (Butrans, Suboxone, Subutex)	<input type="checkbox"/>	<input type="checkbox"/>		910518 Buprenorphine Confirmation, Urine
Cocaine	<input type="checkbox"/> Cocaine	<input type="checkbox"/>	<input type="checkbox"/>		910525 Cocaine Confirmation, Urine
Methadone	<input type="checkbox"/> Methadone (Dolophine, Methadose)	<input type="checkbox"/>	<input type="checkbox"/>	‡Potential of false positive: Tapentadol ⁵ , Tramadol ⁶	910527 Methadone Confirmation, Urine
Opiate Class	<input type="checkbox"/> Codeine <input type="checkbox"/> Dihydrocodeine <input type="checkbox"/> Heroin <input type="checkbox"/> Hydrocodone (Vicodin, Lortab, Lorcet) <input type="checkbox"/> Hydromorphone (Dilaudid) <input type="checkbox"/> Morphine (Roxano, Kadian)	<input type="checkbox"/>	<input type="checkbox"/>	‡Potential of false positive: Oxycodone (Oxycodone is an opiate drug that has poor to little cross-reactivity with opiate drug class immunoassays. However, large amounts of oxycodone may result in positive results for some opiate class immunoassays.)	912844 Opiate Class Confirmation, Urine
Oxycodone Class	<input type="checkbox"/> Oxycodone (Percocet, OxyContin) <input type="checkbox"/> Oxymorphone (Opana)	<input type="checkbox"/>	<input type="checkbox"/>	‡Potential of false positive: Hydrocodone ¹	912845 Oxycodone Class Confirmation, Urine
Phencyclidine (PCP)	<input type="checkbox"/> Phencyclidine (PCP)	<input type="checkbox"/>	<input type="checkbox"/>	‡Potential of false positive: Dextromethorphan ¹ , Diphenhydramine ² , Sertraline ² , Venlafaxine ² , Ketamine ²	910792 Phencyclidine Confirmation, Urine
Propoxyphene	<input type="checkbox"/> Propoxyphene (Darvon, Darvocet)	<input type="checkbox"/>	<input type="checkbox"/>		910608 Propoxyphene Confirmation, Urine
THC (Cannabinoids)	<input type="checkbox"/> Marijuana/THC	<input type="checkbox"/>	<input type="checkbox"/>	†Non-detectable in screen: Synthetic cannabinoids (K2/Spice) ¹ ‡Potential of false positive: Pantoprazole ²	912051 THC Confirmation, Urine
Tricyclic Antidepressants (TCAs)	<input type="checkbox"/> Amitriptyline <input type="checkbox"/> Imipramine <input type="checkbox"/> Clomipramine <input type="checkbox"/> Nortriptyline <input type="checkbox"/> Cyclobenzaprine† <input type="checkbox"/> Protriptyline <input type="checkbox"/> Doxepin <input type="checkbox"/> Trimipramine <input type="checkbox"/> Desipramine	<input type="checkbox"/>	<input type="checkbox"/>	†Non-detectable in screen: Non-Tricyclic Antidepressants ¹ ‡Potential of false positive: Antihistamines ² ‡Cyclobenzaprine ¹ is a skeletal muscle relaxant structurally similar to TCAs	912849 Antidepressants Confirmation, Urine

†Drugs not detected in presumptive screen assays. Additional Labcorp test options are available to detect these drugs (refer to back for examples).

*Drugs with limited detection in presumptive screen assays. Additional Labcorp test options are available to detect these drugs (refer to back for examples).

‡Drugs in other classes that may cause false positive presumptive screen results.

Table 1

Prescribed and/or Self-reported Drug	Presumptive Screen Results	Outcome	Definitive Testing
None checked	Positive	Unexpected Positive Screen	Definitive testing may be indicated if confirmation is desired.
One or more checked	Positive	Expected Positive Screen	Definitive testing may be indicated if identification of a specific drug within the class is desired.
One or more checked	Negative	Unexpected Negative Screen	Definitive testing may be indicated to demonstrate the presence of a specific expected drug within the class that is not reliably detectable in the screen (see Additional Considerations above).
None checked	Negative	Expected Negative Screen	Definitive testing is not indicated.



This is not a test order form.

Drugs not commonly screened in physician office setting

Drug/Drug Class	Definitive
Opiates and Opioids	
Fentanyl	911127
Heroin metabolite (6-am)	912843
Meperidine	910631
Tapentadol	912846
Tramadol	910801
Other	
Anticonvulsants	912847
Gabapentin only	912848
Pregabalin only	912857
Methylphenidate	912853
Skeletal Muscle Relaxants	912854
Carisoprodol only	910814
Sedative/Hypnotics	912855

Medicare or Medicaid Reimbursement: 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) that using a customized profile may result in ordering tests for which Medicare or Medicaid will deny payment, (3) that the physician should 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) that 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.

Example: Labcorp Test Request Form

1. Complete patient demographics, including: patient name, date of birth, gender, and specimen collection date.
2. Use the Medical Drug Monitoring Labcorp Definitive Testing Resource Guide to select the individual definitive testing option that is deemed appropriate based on the point of care/presumptive screen results (if applicable) and the patient's prescribed and/or admitted drug history and/or other clinical indications.

3. Example: Patient is prescribed clonazepam, but has an unexpected negative for benzodiazepines on the point of care/presumptive screen. Since the presumptive screen may have limited detection of clonazepam, testing for the individual benzodiazepine and metabolite confirmation may be requested (A). The appropriate prescribed medication "clonazepam" should be indicated on the Patient Prescription Information section (B).

Drug Class	Laboratory Test Order (Urine) (choose only one test per Drug Class)		
ToxAssure Report	<input checked="" type="checkbox"/> 910475 <small>Note: If a profile is selected above, do not request individual drugs that are included in the profile</small>		
Buprenorphine	<input type="checkbox"/> 912831	<input type="checkbox"/> 910486	<input type="checkbox"/> 910518
Fentanyl	<input type="checkbox"/> 912832	<input type="checkbox"/> 910484	<input type="checkbox"/> 911127
Heroin metabolite (6-AM)	<input type="checkbox"/> 912826	<input type="checkbox"/> 910242	<input type="checkbox"/> 912843
Opiates	<input type="checkbox"/> 912827	<input type="checkbox"/> 912049	<input type="checkbox"/> 912844
Oxycodone	<input type="checkbox"/> 912828	<input type="checkbox"/> 912048	<input type="checkbox"/> 912845
Methadone	<input type="checkbox"/> 912829	<input type="checkbox"/> 910481	<input type="checkbox"/> 910527
Tapentadol	<input type="checkbox"/> 912833	<input type="checkbox"/> 912841	<input type="checkbox"/> 912846
Tramadol	<input type="checkbox"/> 912836	<input type="checkbox"/> 910783	<input type="checkbox"/> 910801
Alcohol, ethyl	<input type="checkbox"/> 910511		
Ethanol biomarkers (EtG/EtS)	<input type="checkbox"/> 912824	<input type="checkbox"/> 910487	<input type="checkbox"/> 910828
Amphetamines	<input type="checkbox"/> 912821	<input type="checkbox"/> 910551	<input type="checkbox"/> 910790
Barbiturates	<input type="checkbox"/> 912837	<input type="checkbox"/> 910517	<input type="checkbox"/> 910512
Benzodiazepines	<input type="checkbox"/> 912822**	<input type="checkbox"/> 912052**	<input type="checkbox"/> 910569
Cocaine	<input type="checkbox"/> 912823	<input type="checkbox"/> 910519	<input type="checkbox"/> 910525
Gabapentin	<input type="checkbox"/> 912839	<input type="checkbox"/> 912842	<input type="checkbox"/> 912848
THC (Cannabinoids)	<input type="checkbox"/> 912825	<input type="checkbox"/> 912037	<input type="checkbox"/> 912051
Phencyclidine (PCP)	<input type="checkbox"/> 912838	<input type="checkbox"/> 910791	<input type="checkbox"/> 910792
Additional Confirmation-only Tests			
Anticonvulsants	<input type="checkbox"/> 912847	Ketamine	<input type="checkbox"/> 912060
Antidepressants	<input type="checkbox"/> 912849	Methylphenidate	<input type="checkbox"/> 912853
Antihistamines	<input type="checkbox"/> 912850	Muscle Relaxants	<input type="checkbox"/> 912854
Antipsychotics	<input type="checkbox"/> 912851	Sedative/Hypnotics	<input type="checkbox"/> 912855
Dextromethorphan	<input type="checkbox"/> 912852	Sympathomimetics	<input type="checkbox"/> 912856
<input type="checkbox"/> Other test order:			

Moderate risk (e.g. new patient or unknown risk; moderate scores on opioid risk tools)

High risk (e.g. discrepancies with PDMP, past lab results, or pill counts; requesting escalating dosages; high scores on opioid risk tools)

This patient is prescribed or declares use of the following medications:
(check either Trade or Generic drug name, not both)

A-D	E-L	M-R	S-Z
<input type="checkbox"/> Abilify <input type="checkbox"/> Adderall <input type="checkbox"/> Alprazolam <input type="checkbox"/> Ambien <input type="checkbox"/> Amitriptyline <input type="checkbox"/> Amphetamine <input type="checkbox"/> Ativan <input type="checkbox"/> Buprenex <input type="checkbox"/> Buprenorphine <input type="checkbox"/> Bupropion <input type="checkbox"/> BuSpar <input type="checkbox"/> Buspirone <input type="checkbox"/> Butalbital <input type="checkbox"/> Butrans <input type="checkbox"/> Carisoprodol <input type="checkbox"/> Celexa <input type="checkbox"/> Citalopram <input type="checkbox"/> Clonazepam <input type="checkbox"/> Cyclobenzaprine <input type="checkbox"/> Cymbalta <input type="checkbox"/> Desyrel <input type="checkbox"/> Diazepam <input type="checkbox"/> Dilaudid <input type="checkbox"/> Duloxetine <input type="checkbox"/> Duragesic	<input type="checkbox"/> Effexor <input type="checkbox"/> Endocet <input type="checkbox"/> Escitalopram <input type="checkbox"/> Eszopiclone <input type="checkbox"/> Fentanyl <input type="checkbox"/> Fioricet <input type="checkbox"/> Fiorinal <input type="checkbox"/> Flexeril <input type="checkbox"/> Fluoxetine <input type="checkbox"/> Gabapentin <input type="checkbox"/> Hydrocodone <input type="checkbox"/> BuSpar <input type="checkbox"/> Hydrocodone/Acetaminophen <input type="checkbox"/> Hydromorphone <input type="checkbox"/> Hydroxyzine <input type="checkbox"/> Ibuprofen <input type="checkbox"/> Kadian <input type="checkbox"/> Klonopin <input type="checkbox"/> Lexapro <input type="checkbox"/> Lidocaine <input type="checkbox"/> Lidoderm <input type="checkbox"/> Lorazepam <input type="checkbox"/> Lorcet <input type="checkbox"/> Lortab <input type="checkbox"/> Lunesta <input type="checkbox"/> Lyrica	<input type="checkbox"/> Methadone <input type="checkbox"/> Methylphenidate <input type="checkbox"/> Morphine <input type="checkbox"/> Morphine Sulfate <input type="checkbox"/> MS-Contin <input type="checkbox"/> Naproxen <input type="checkbox"/> Neurotin <input type="checkbox"/> Norco <input type="checkbox"/> Nucynta <input type="checkbox"/> Opana <input type="checkbox"/> Oxycodone <input type="checkbox"/> Oxycodone/Acetaminophen <input type="checkbox"/> Oxycotin <input type="checkbox"/> Oxymorphone <input type="checkbox"/> OxylIR <input type="checkbox"/> Paxil <input type="checkbox"/> Percocet <input type="checkbox"/> Phentermine <input type="checkbox"/> Pregabalin <input type="checkbox"/> Promethazine <input type="checkbox"/> Prozac <input type="checkbox"/> Quetiapine <input type="checkbox"/> Restoril <input type="checkbox"/> Ritalin <input type="checkbox"/> Roxicodone	<input type="checkbox"/> Serquel <input type="checkbox"/> Sertraline <input type="checkbox"/> Soma <input type="checkbox"/> Sonata <input type="checkbox"/> Suboxone <input type="checkbox"/> Subutex <input type="checkbox"/> Temazepam <input type="checkbox"/> Topamax <input type="checkbox"/> Topiramate <input type="checkbox"/> Tramadol <input type="checkbox"/> Tylenol <input type="checkbox"/> Tylenol w/Codeine <input type="checkbox"/> Ultram <input type="checkbox"/> Valium <input type="checkbox"/> Venlafaxine <input type="checkbox"/> Vicodin <input type="checkbox"/> Vicoprofen <input type="checkbox"/> Voltaren <input type="checkbox"/> Vyvanse <input type="checkbox"/> Wellbutrin <input type="checkbox"/> Xanax <input type="checkbox"/> Zanaflex <input type="checkbox"/> Zohydro <input type="checkbox"/> Zolof <input type="checkbox"/> Zolpidem

Patient has no medication use declared and none prescribed

A separate medication list is attached

Other Medications:

References

1. ToxCup® Drug Screen Cup Step-by-Step Instructions.
2. Standridge JB, et al. Urine drug screening: a valuable office procedure. *Am Fam Physician*. 2010;81(5):635-640. PubMed 20187600
3. Boggs, CL. CAP quality practices committee – Benzodiazepines: laboratory detection challenges. NewsPath. <http://www.cap.org/apps/docs/newspath/1112/benzodiazepines.pdf>, accessed Jan 15, 2016.
4. West R, et al. Comparison of clonazepam compliance by measurement of urinary concentration by immunoassay and LC-MS/MS in pain management population. *Pain Physician*. 2010;13(1):71-78. PubMed 20119465
5. Saitman A, et al. False-positive interferences of common urine drug screen immunoassays: a review. *J Analyt Toxicol*. 2014;38(7):387-396. PubMed 24986836
6. Internal laboratory data.
7. Moeller KE, et al. Urine drug screening: practical guide for clinicians. *Mayo Clin Proc*. 2008;83(1):66-76. PubMed 18174009

For additional testing options, visit **Labcorp.com**



Drug brand names listed are examples of commonly prescribed medications and are not inclusive of all available brands. Drug names listed are trademarks of their respective owners.