

# Laboratory News

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## Upcoming Changes to Urine Drug Toxicology Test Menus

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Effective June 3<sup>rd</sup>, 2024, Marshfield Labs will discontinue the Drug Evaluation, Comprehensive, Urine test (Test Code: TOXIQL). In its place, depending on what drugs a provider is looking to evaluate, we recommend ordering one of the two test panels below:

### Option 1: Drugs of Abuse Survey with Confirmation (Test Code: DAS) \*also called Pain Clinic Drugs with Confirmation (Test Code: PCS10)

- This panel screens for the following drug classes: amphetamines, barbiturates, benzodiazepines, cannabinoids, cocaine, methadone, opiate method group, oxycodone method group, and buprenorphine. It also screens for ethanol with a quantitative result.
- Any presumptive positives are automatically confirmed quantitatively. If confirmation of presumptive positives is not needed, please order the Drugs of Abuse Survey without Confirmation, Urine (DASWO) or Pain Clinic Drugs without Confirmation (PCS10WO).
- The turn-around time is 1 day for tests that do not require confirmation and 4 days for those that require confirmation.
- The specific drugs tested on confirmation include:
  - Amphetamines: phentermine, amphetamine, methamphetamine, ephedrine, pseudoephedrine, MDA, MDEA, and MDMA (Ecstasy).
  - Barbiturates: butalbital, amobarbital, secobarbital, pentobarbital, and phenobarbital.
  - Benzodiazepines: desalkylflurazepam, nordiazepam, 7-aminoflunitrazepam, oxazepam, temazepam, 7-aminoclonazepam, lorazepam, alpha-hydroxyalprazolam, and diazepam.
  - Methadone: parent methadone and EDDP (methadone metabolite).
  - Opiates: morphine, codeine, hydrocodone, hydromorphone.
  - Oxycodone: oxycodone and oxymorphone.
  - Buprenorphine: buprenorphine and norbuprenorphine.
- Please note that this panel **does not include fentanyl, tramadol or methylphenidate**. If a provider is interested in assessing these drugs, please order

Fentanyl, Urine (FENT), Tramadol Quantitation, Urine (TRAM) and Methylphenidate and Metabolite, Urine (MPHEND).

## Option 2: Targeted Drug Panel, Urine (Test Code: TDPU)

- This is a **semi-quantitative mass spectrometry confirmatory** panel that offers expanded opioid testing with potential cost savings to the patient. Drug analytes below the level of detection are reported as “not detected” while detected drugs are reported as “present” in three concentration ranges (low, moderate, and high) with the analyte’s specific ranges.
- This panel has a 2-day turn-around time for samples received by 8 am each business day. Samples received after 8 am are held and tested the following business day. Results are reviewed and available the day after testing is performed.
- The panel tests for the following:
  - 7 amines: amphetamine, methamphetamine, MDA, MDMA, MDEA, methylphenidate, ritalinic acid.
  - 6 benzodiazepines: 7-aminoclonazepam, lorazepam, oxazepam, alphahydroxyalprazolam, nordiazepam, temazepam.
  - 17 opiates: oxycodone, nor-oxycodone (oxycodone metabolite), oxymorphone (oxycodone metabolite), buprenorphine, norbuprenorphine (buprenorphine metabolite), morphine, hydromorphone, 6-monoacetylmorphine (heroin metabolite), codeine, hydrocodone, gabapentin, tramadol, nor-tramadol (tramadol metabolite), fentanyl, nor-fentanyl (fentanyl metabolite), EDDP (methadone metabolite), and methadone.
- Please note that this panel does not include **cannabinoids, cocaine, barbiturates or ethanol**. If a provider is interested in assessing these drugs, please order Pain Clinic Survey 4 without confirmation (PCS4WO).
  - Confirmatory testing is not automatic due to the relatively low prevalence of false-positive screens for these 4 drug classes. If confirmatory testing is desired on any presumptive positives, these may be ordered as add-ons.

### Additional urine drug tests that were discontinued as of May 1<sup>st</sup>, 2024, include:

- Drugs of Abuse Survey with Confirmation-Mini, Urine (MINDAS)
- Pain Clinic Drugs with Confirmation-Mini, Urine (PCSMIN)
- Drugs of Abuse, Behavioral Health, Urine (BHDAS)
- Drugs of Abuse, Behav Hlth, Urine, Without Confirmation (BHDASWO)
- Opiates Survey, Urine (OPI).
- Single urine drug class screens (with reflex to confirmation) for the following drugs: Amphetamines (AMP), Barbiturates (BAR), Benzodiazepines (BENZ), Buprenorphine (BUP), Cannabinoids (CAN), Cocaine Metabolite (COC), Ethanol (ETHU), Methadone (METD), Opiates Mini (OPMIN) and Oxycodone (OXY).

## Questions

Clinical and technical questions or concerns can be directed to Jennifer Winterhack, Lab Operations Manager, or Sarah Bissonnette, Ph.D, DABCC, Clinical Chemist at 1-800-222-5835.