

News

Clinical Laboratory Test Update

Fentanyl Urine Drugs of Abuse

Effective 9/27/2022, the University of Colorado Hospital Clinical Laboratory will offer urine Fentanyl screening as a standalone test order, and Fentanyl will replace PCP as part of the Urine Drugs of Abuse, and Drugs of Abuse ED8 screening panels.

Please note:

- Unexpected results should be referred for confirmatory testing (e.g., LAB3217 FENTANYL + METABOLITE).
- This test is not for therapeutic drug monitoring.
- Numerous factors (e.g., fluid intake, endogenous or exogenous interferents) may influence the urine test result.
 - Dextromethorphan may cause false positive results.
 - False negative results can occur if boric acid is used as a preservative for the sample.
- “Designer” fentanyl derivatives on the recreational drug market haven’t been exhaustively evaluated and may not be detected.

Specimen	5mL random urine in a sterile tube, container or syringe Larger volumes are encouraged to provide enough sample for confirmation testing, if needed
Methodology	Immunoassay
Storage/Transport	Onsite: Deliver to laboratory immediately. Offsite: Transport to laboratory refrigerated.
Reference Range	Negative
Interpretive Comment	Norfentanyl is generally detectable for 2–4 days after a single fentanyl exposure. It may be detected for several weeks after last use in some who are exposed to fentanyl daily.
CPT Code	80307
Epic Order – Standalone test	LAB2880



Please call Gregory Bocsi, DO at 720-848-7050 if you have any questions or visit our test directory at <https://www.testmenu.com/universityhospital> for additional information.

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