

Clinical Laboratory Test Update

Effective Date: Tuesday, March 21, 2023

DRUGS OF ABUSE - FENTANYL

Effective Tuesday, March 21, 2023, all UCHHealth South Region Laboratories will include Fentanyl in the Urine Drugs of Abuse Screen. Fentanyl testing will be performed at both Memorial Central and Memorial North.

Grandview Hospital (GVH) and Pikes Regional Hospital (PPRH) Fentanyl orders will route to Memorial Central. This will not cause a delay in reporting other drug classes.

Fentanyl testing will also be available as a standalone order. Please see ordering details below.

DRUGS OF ABUSE SCREEN WITH FENTANYL

TEST NAME	DRUGS OF ABUSE SCREEN
Lab Test Code	<ul style="list-style-type: none">LAB3289 - Drugs of Abuse ScreenLAB8856 - Drugs of Abuse Screen with Reflex to Confirmation
Acceptable Specimen	Urine, No Preservative
Specimen Stability	Room Temp: 12 hours Refrigerated (2-8 °C): 48 hours Frozen (\leq -20 °C): 1 year
Performed	Sunday through Saturday
CPT	80306

FENTANYL – SINGLE ORDER

TEST NAME	FENTANYL
Lab Test Code	LAB2880 - Fentanyl Urine Qualitative
Acceptable Specimen	Urine, No Preservative
Specimen Stability	Refrigerated (2-8 °C): 7 days Frozen (\leq -20 °C): 6 months
Performed	Sunday through Saturday
CPT	80307

MEDTOX

DRUG CLASS	CUT-OFF	DRUG CLASS	CUT-OFF
Amphetamine (d-Amphetamine)	500 ng/mL	Opiates (Morphine)	100 ng/mL
Barbiturates (Butalbital)	200 ng/mL	Oxycodone (Oxycodone)	100 ng/mL
Benzodiazepines (Nordiazepam)	150 ng/mL	Phencyclidine (Phencyclidine)	25 ng/mL
Cocaine (Benzoyllecgonine)	150 ng/mL	Propoxyphene (Norpropoxyphene)	300 ng/mL
Methamphetamine (d-Methamphetamine)	500 ng/mL	Cannabinoids (11-nor-9-carboxy- Δ^9 -THC)	50 ng/mL
Methadone (Methadone)	200 ng/mL	Tricyclic Antidepressants(Desipramine)	300 ng/mL

ORTHO VITROS

DRUG CLASS	CUT-OFF
Fentanyl	1.0 ng/mL

RESULT INTERPRETATION

Methodology provides only a qualitative, preliminary analytical result. A secondary analytical method must be used to confirm results. Gas chromatography/mass spectrometry (gc/ms) is the preferred confirmatory method. Clinical consideration and professional judgement should be applied to any drug of abuse test result, particularly when preliminary positive results are obtained.

A positive result does not indicate level or intoxication or concentration in urine. The test does not distinguish between drugs of abuse and certain medications. A positive result might be obtained from certain foods or food supplements.

A negative result may not necessarily indicate drug-free urine. Negative results can be obtained when drug is present but below the cut-off level of the test.

There is a possibility that interfering substances in the urine specimen may cause erroneous results. This test should be used for medical screening only and should not be used for legal purposes.

FENTANYL

This qualitative screen detects Fentanyl at a cut-off concentration of 1.0 ng/mL.

Methodology provides only a qualitative, preliminary analytical result. A secondary analytical method must be used to confirm results. Gas chromatograph/mass spectrometry (gc/ms) is the preferred confirmatory method. Clinical consideration and professional judgement should be applied to any drug of abuse test results, particularly when preliminary positive results are obtained.

A positive result does not indicate level or intoxication or concentration in urine. The test does not distinguish between drugs of abuse and certain medications.

A negative result may not necessarily indicate drug-free urine. Negative results can be obtained when drug is present but below the cut-off level of the test.

There is a possibility that interfering substances in the urine specimen may cause erroneous results. The test should be used for medical screening only and should not be used for legal purposes.

For any questions about this test update, please contact:

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