MAYO CLINIC LABORATORIES

Test Definition: FOPIA

Opiates, Serum or Plasma, Quant.

Overview

Method Name
Quantitative Liquid Chromatography-Tandem Mass Spectrometry

NY State Available
Yes

Specimen

Specimen Type
Varies

Specimen Required
Submit only one of the following:

Plasma

Draw blood in a gray top potassium oxalate/sodium fluoride, green (sodium heparin), lavender (EDTA) or pink (K2EDTA) tube(s). Spin down and send 1 mL of plasma refrigerated in a plastic vial.

Serum

Draw blood in a plain, red-top tube(s). Spin down and send 1 mL of serum refrigerated in a plastic vial.

Reject Due To

Hemolysis	Mild OK; Gross OK
Lipemia	Mild OK; Gross OK
Icterus	NA
Other	Separator tubes, Plasma or Whole blood collected in lt. blue (sodium citrate), specimens exposed to repeat freeze/thaw cycles.

Specimen Minimum Volume
0.5 mL

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	14 days	
	Ambient	7 days	
	Frozen		

Clinical & Interpretive

Reference Values

Drugs covered: codeine, morphine, 6-acetylmorphine, hydrocodone, hydromorphone, oxycodone, and oxymorphone. All drugs covered and the non-glucuronidated (free) form.
Positive cutoff: 2 ng/mL
For medical purposes only; not valid for forensic use.

Interpretation

Identification of specific drug(s) taken by specimen donor is problematic due to common metabolites, some of which are prescription drugs themselves. The absence of expected drug(s) and/or drug metabolite(s) may indicate non-compliance, inappropriate timing of specimen collection relative to drug administration, poor drug absorption, or limitations of testing. The concentration value must be greater than or equal to the cutoff to be reported as positive. A very small amount of an unexpected drug analyte in the presence of a large amount of an expected drug analyte may reflect pharmaceutical impurity. Interpretive questions should be directed to the laboratory.

Performance

PDF Report

No

Performing Laboratory Location

ARUP Laboratories

Fees & Codes

Test Classification

This test was developed and its performance characteristics determined by ARUP Laboratories. The U. S. Food and Drug Administration has not approved or cleared this test; however, FDA clearance or approval is not currently required for clinical use. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions.

CPT Code Information

80361, 80365