

TEST CHANGE

Buprenorphine and Metabolites, Urine, Quantitative

2010092, BUPR UR

Specimen Requirements:

Patient Preparation:

Collect: Random urine.

Specimen Preparation: Transfer 2 mL urine with no additives or preservatives to an ARUP [standard transport tube](#). ~~Standard Transport Tube~~. (Min: 1 mL)

Transport Temperature: Room temperature.

Unacceptable Conditions:

Remarks:

Stability: Ambient: 1 week; Refrigerated: 1 month; Frozen: 3 years (Avoid repeated freeze/thaw cycles)

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Performed: Sun-Sat

Reported: 1-~~5~~4 days

Note:

CPT Codes: 80348 (Alt code: G0480)

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Positive cutoff:

- Buprenorphine : 2 ng/mL
- Norbuprenorphine : 2 ng/mL
- Buprenorphine glucuronide : 5 ng/mL
- Norbuprenorphine glucuronide : 5 ng/mL
- Naloxone : 100 ng/mL

For medical purposes only; not valid for forensic use.

The presence of metabolite(s) without parent drug is common and may indicate use of parent drug during the prior week. Naloxone is included to detect the addition of a naloxone-containing drug

directly into the urine.

The absence of expected drug(s) and/or drug metabolite(s) may indicate ~~noncompliance~~^{non-compliance}, inappropriate timing of specimen collection relative to drug administration, poor drug absorption, diluted/adulterated urine, or limitations of testing. The concentration value must be greater than or equal to the cutoff to be reported as positive. Interpretive questions should be directed to the laboratory.

~~This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.~~

Reference Interval:

Effective August 17, 2015

Drugs Covered	Cutoff Concentrations
Buprenorphine	2 ng/mL
Norbuprenorphine	2 ng/mL
Buprenorphine glucuronide	5 ng/mL
Norbuprenorphine glucuronide	5 ng/mL
Naloxone	100 ng/mL