

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 6/6/1985  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Opiates, Serum or Plasma, Quantitative**

ARUP test code 0092354

6-acetylmorphine, S/P, Quant <2 ng/mL

INTERPRETIVE INFORMATION: Opiates, Serum or Plasma, Quantitative

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Positive cutoff: 2 ng/mL

For medical purposes only; not valid for forensic use.

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. All drugs covered are the non-glucuronidated (free) form. 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.

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.

Codeine, S/P, Quant <2 ng/mL

Morphine, S/P, Quant <2 ng/mL

Hydrocodone, S/P, Quant 17 ng/mL

Hydrocodone may arise from hydrocodone-containing drugs or as a metabolite of codeine. Hydrocodone is metabolized to hydromorphone.

Hydromorphone, S/P, Quant <2 ng/mL

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Oxycodone, S/P, Quant

55 ng/mL

Oxycodone is not a recognized metabolite of other opiates and its presence indicates use of an oxycodone-containing drug. Oxycodone is metabolized to oxymorphone.

Oxymorphone, S/P, Quant

<2 ng/mL

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hydrocodone, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hydromorphone, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Oxycodone, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Oxymorphone, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
6-acetylmorphine, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Codeine, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Morphine, S/P, Quant	21-335-120550	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical