

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/3/1979
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Nicotine and Metabolites, Urine, Quantitative

ARUP test code 0092356

3-OH-Cotinine, Urn, Quant	<50 ng/mL
Anabasine, Urn, Quant	<5 ng/mL
Cotinine, Urn, Quant	<15 ng/mL
Nicotine, Urn, Quant	<15 ng/mL

INTERPRETIVE INFORMATION: Nicotine and Metabolites,
Urine, Quantitative

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Positive cutoff:

Nicotine 15 ng/mL
Cotinine 15 ng/mL
3-OH-Cotinine 50 ng/mL
Anabasine 5 ng/mL

For medical purposes only; not valid for forensic use.

This test is designed to evaluate recent use of nicotine-containing products. Passive and active exposure cannot be discriminated definitively, although a cutoff of 100 ng/mL cotinine is frequently used for surgery qualification purposes. For smoking cessation programs or compliance testing, 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, diluted/adulterated urine, or limitations of testing. The concentration value must be greater than or equal to the cutoff to be reported as positive. Anabasine is included as a biomarker of tobacco use, versus nicotine replacement. 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.

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 21-280-100711
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
3-OH-Cotinine, Urn, Quant	21-280-100711	10/7/2021 8:17:00 AM	10/7/2021 8:17:26 AM	10/7/2021 9:13:00 AM
Anabasine, Urn, Quant	21-280-100711	10/7/2021 8:17:00 AM	10/7/2021 8:17:26 AM	10/7/2021 9:13:00 AM
Cotinine, Urn, Quant	21-280-100711	10/7/2021 8:17:00 AM	10/7/2021 8:17:26 AM	10/7/2021 9:13:00 AM
Nicotine, Urn, Quant	21-280-100711	10/7/2021 8:17:00 AM	10/7/2021 8:17:26 AM	10/7/2021 9:13:00 AM

END OF CHART

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 21-280-100711
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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