

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/8/1949
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Nicotine and Metabolites, Urine, Quantitative

ARUP test code 0092356

3-OH-Cotinine, Urn, Quant <50 ng/mL

Anabasine, Urn, Quant <3 ng/mL

Cotinine, Urn, Quant <5 ng/mL

Nicotine, Urn, Quant <2 ng/mL
Consistent with abstinence from nicotine-containing products for at least 2 weeks.

INTERPRETIVE INFORMATION: Nicotine and Metabolites, Urine, Quantitative

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Positive cutoff:
Nicotine 2 ng/mL
Cotinine 5 ng/mL
3-OH-Cotinine 50 ng/mL
Nornicotine 2 ng/mL
Anabasine 3 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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

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

Nornicotine, Urn, Quant

<2 ng/mL

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
3-OH-Cotinine, Urn, Quant	19-081-142831	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Anabasine, Urn, Quant	19-081-142831	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cotinine, Urn, Quant	19-081-142831	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Nicotine, Urn, Quant	19-081-142831	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Nornicotine, Urn, Quant	19-081-142831	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