

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 11/20/1963
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Heavy Metals Panel 3, Random Urine with Reflex to Arsenic Fractionated

ARUP test code 2011304

Creatinine, Urine - per volume 114 mg/dL

Lead, Urine - per volume <5.0 ug/L (Ref Interval: 0.0-5.0)

INTERPRETIVE INFORMATION: Lead, Urine

Quantification of urine excretion rates before or after chelation therapy has been used as an indicator of lead exposure. Urinary excretion of >125 mg of lead per 24 hours is usually associated with related evidence of lead toxicity.

See Compliance Statement B: aruplab.com/CS

Lead, Urine - ratio to CRT Not Applicable ug/g CRT (Ref Interval: 0.0-5.0)

Unable to accurately calculate the creatinine normalized result due to a low per volume result.

Mercury, Urine - per volume <2.5 ug/L (Ref Interval: 0.0-5.0)

INTERPRETIVE INFORMATION: Mercury, Urine

Urinary mercury levels predominantly reflect acute or chronic elemental or inorganic mercury exposure. Urine concentrations in unexposed individuals are typically less than 10 ug/L. 24 hour urine concentrations of 30 to 100 ug/L may be associated with subclinical neuropsychiatric symptoms and tremors. Concentrations greater than 100 ug/L can be associated with overt neuropsychiatric disturbances and tremors. Urine mercury levels may be useful in monitoring chelation therapy.

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

Mercury, Urine - ratio to CRT Not Applicable ug/g CRT (Ref Interval: 0.0-20.0)

Unable to accurately calculate the creatinine normalized result due to a low per volume result.

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

Arsenic Urine - per volume

18.2 ug/L (Ref Interval: 0.0-34.9)

INTERPRETIVE INFORMATION: Arsenic, Urine w/ Reflex to Fractionated

The ACGIH Biological Exposure Index (BEI) for arsenic in urine is 35 ug/L. The ACGIH BEI is based on the sum of inorganic and methylated species. For specimens with a total arsenic concentration of 35 to 2000 ug/L, fractionation is automatically performed to determine the proportions of inorganic, methylated and organic species. It may be appropriate to request fractionation for specimens with total arsenic greater than 30 ug/gCRT despite a total arsenic concentration less than 35 ug/L. If low-level chronic poisoning is suspected, the ug/gCRT ratio may be a more sensitive indicator of arsenic exposure than the total arsenic concentration.

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

Arsenic, Urine - ratio to CRT

16.0 ug/g CRT (Ref Interval: 0.0-29.9)

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine - per volume	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - per volume	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - ratio to CRT	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - per volume	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - ratio to CRT	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per volume	19-130-119381	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Urine - ratio to CRT	19-130-119381	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