

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

Physician: Doctor, Example

**Patient: Patient, Example**DOB: 6/19/1971  
Gender: Female  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Collection Date: 00/00/0000 00:00**Heavy Metals Panel 3, Urine with Reflex to Arsenic Fractionated**

ARUP test code 0099475

Hours Collected	24 hr
Total Volume	2053 mL
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 - per 24h	Not Applicable ug/d (Ref Interval: 0.0-8.1)
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

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

Mercury, Urine - per 24h	Not Applicable ug/d	(Ref Interval: 0.0-20.0)
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.	
Arsenic Urine - per volume	10.2 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 - per 24h	20.9 ug/d	(Ref Interval: 0.0-49.9)

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - per volume	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - per 24h	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - ratio to CRT	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - per volume	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - per 24h	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - ratio to CRT	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per volume	19-129-133115	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per 24h	19-129-133115	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