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

Physician: Doctor, Example

Patient: Patient, Example

DOB	3/19/1990
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 Per 24h calculations are provided to aid interpretation for collections with a duration of 24 hours and an average daily urine volume. For specimens with notable deviations in collection time or volume, ratios of analytes to a corresponding urine creatinine concentration may assist in result interpretation.	
Total Volume	3000 mL	
Creatinine, Urine - per volume	50 mg/dL	
Creatinine, Urine - per 24h	1500 mg/d	(Ref Interval: 700-1600)
Lead, Urine - per volume	<5.0 ug/L 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. 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.	(Ref Interval: 0.0-5.0)
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)

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

	Unable to accurately calculate the creatinine normalized result due to a low per volume result.	
Mercury, Urine - per volume	<2.5 ug/L 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. 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.	(Ref Interval: 0.0-5.0)
Mercury, Urine - per 24h	Not Applicable ug/d	(Ref Interval: 0.0-20.0)
Mercury, Urine - ratio to CRT	Not Applicable ug/g CRT Unable to accurately calculate the creatinine normalized result due to a low per volume result.	(Ref Interval: 0.0-20.0)
Arsenic Urine - per volume	**60.0 ug/L H** 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 elevated total arsenic results, fractionation is automatically performed to determine the proportions of inorganic, methylated and organic species. 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.	**(Ref Interval: 0.0-34.9)**
Arsenic Urine - per 24h	**180.0 ug/d H**	**(Ref Interval: 0.0-49.9)**
Arsenic, Urine - ratio to CRT	**120.0 ug/g CRT H**	**(Ref Interval: 0.0-29.9)**

Arsenic, Fractionated, Urine

ARUP test code 0020734

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

Arsenic, Organic	30.0 ug/L
Arsenic, Inorganic	<10.0 ug/L
Arsenic, Methylated	30.0 ug/L INTERPRETIVE INFORMATION: Arsenic, Fractionated Urine The ACGIH Biological Exposure Index for the sum of inorganic and methylated species of arsenic is 35 ug/L. Inorganic species of arsenic are most toxic. Methylated species arise primarily from metabolism of inorganic species but may also come from dietary sources and are of moderate toxic potential. The organic species of arsenic are considered nontoxic and arise primarily from food. The sum of the inorganic, methylated, and organic species of arsenic may be lower than the total arsenic concentration due to the presence of unidentified organic species of arsenic. 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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - per volume	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - per 24h	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lead, Urine - ratio to CRT	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - per volume	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - per 24h	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mercury, Urine - ratio to CRT	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per volume	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per 24h	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Urine - ratio to CRT	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Organic	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Inorganic	23-102-107196	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Methylated	23-102-107196	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