

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 3/24/1984  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Arsenic, Urine with Reflex to Fractionated**

ARUP test code 0025000

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	750 mL	
Creatinine, Urine - per volume	155 mg/dL	
Creatinine, Urine - per 24h	1162 mg/d	(Ref Interval: 1000-2500)
Arsenic Urine - per volume	<b>45.0 ug/L H</b>	<b>(Ref Interval: 0.0-34.9)</b>
	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.	
Arsenic Urine - per 24h	33.8 ug/d	(Ref Interval: 0.0-49.9)
Arsenic, Urine - ratio to CRT	29.0 ug/g CRT	(Ref Interval: 0.0-29.9)

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

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## Arsenic, Fractionated, Urine

ARUP test code 0020734

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Arsenic, Organic	45.0 ug/L
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Arsenic, Inorganic	<10.0 ug/L
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Arsenic, Methylated	<10.0 ug/L
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**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.

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

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per volume	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic Urine - per 24h	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Urine - ratio to CRT	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Organic	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Inorganic	23-086-110376	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arsenic, Methylated	23-086-110376	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

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: 23-086-110376  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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