

Patient ID SA01274260	Patient Name TESTINGRNV, HMUOEABNORM	Birth Date 1959-06-10	Sex F	Age 65
Order Number SA01274260	Client Order Number SA01274260	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 25 Aug 2024 00:00		

Heavy Metal Occ Exp w/Reflex, U

Arsenic Occupational Exposure

Total Arsenic Concentration

1 SDL



43 mcg/L

Reference Value

<35 end of work week

High

Arsenic concentration >9 mcg/L, Arsenic Speciation, Random, U (SPAS) ordered by reflex. Results available 2–4 days after total urine arsenic is reported.

Arsenic Occupational Exposure

SDL

37 mcg/g Cr

Cadmium Occupational Exposure

1 SDL



7.4 mcg/g Cr

Reference Value

<5.0

High

Mercury Occupational Exposure

1 SDL



49 mcg/g Cr

REFERENCE VALUE

<35 prior to work shift

Lead Occupational Exposure

1 SDL

147 mcg/g Cr

Reference Value

<150

Creatinine, Random, U

MCR

115 mg/dL

Reference Value

16–326

Received: 26 Aug 2024 13:01

Reported: 26 Aug 2024 15:05

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	Nikola Baumann Ph.D.	24D1040592
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292

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Arsenic Speciation, Random, U

Toxic Arsenic Concentration



High

39 mcg/L

SDL

Reference Value
<35

Arsenic Speciation Interpretive Information:

The toxic arsenic concentration represents the sum of the inorganic and methylated arsenic species. The reference value for toxic arsenic is <35 mcg/L. This value is based on the ACGIH Biological Exposure Index (BEI) which does not include the non-toxic organic arsenic.

Inorganic Arsenic (Toxic)

7 mcg/L

SDL

Methylated Arsenic (Toxic)

32 mcg/L

SDL

Organic Arsenic (Non-Toxic)

3 mcg/L

SDL

Total Arsenic Concentration

43 mcg/L

1 SDL

The sum of the inorganic, methylated, and organic species of arsenic may not match the total arsenic concentration reported due to the presence of unidentified organic species of arsenic and/or rounding.

Received: 26 Aug 2024 13:01

Reported: 27 Aug 2024 09:07

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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