

Reporting Title: Arsenic w/Reflex, 24 Hr, U

Performing Location: Rochester

Necessary Information:

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Patient Preparation:

- 1. Patient should not eat seafood for a 48-hour period prior to start of collection.
- 2. High concentrations of gadolinium and iodine are known to interfere with most metal tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Supplies: Urine Tubes, 10 mL (T068)

Collection Container/Tube: Clean, plastic urine container with no metal cap or glued insert.

Submission Container/Tube: Plastic, 10-mL urine tube or clean, plastic aliquot container with no metal cap or glued insert.

Specimen Volume: 10 mL

Collection Instructions:

- 1. Collect urine for 24 hours.
- 2. Refrigerate specimen within 4 hours of completion of 24-hour collection.
- 3. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

Additional Information: See [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#).

Urine Preservative Collection Options:

Note: The addition of preservative or application of temperature controls **must occur within 4 hours of completion** of the collection.

Ambient	OK
Refrigerate	Preferred
Frozen	OK
50% Acetic Acid	OK
Boric Acid	No
Diazolidinyl Urea	No
6M Hydrochloric Acid	OK
6M Nitric Acid	OK
Sodium Carbonate	No
Thymol	No
Toluene	No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	
	Ambient	72 hours	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
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ASU24	TIME3	Collection Duration	Plain Text	Yes
ASU24	VL14	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
TIME3	Collection Duration	Alphanumeric		13362-9
VL14	Urine Volume	Alphanumeric		3167-4
48537	Arsenic, 24 Hr, U	Numeric	mcg/24 h	5587-1
92214	Total Arsenic Concentration	Numeric	mcg/L	21074-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82175

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
SPASU	Arsenic Speciation, 24 Hr, U	1	82175	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
SPASU	609384	Inorganic Arsenic (Toxic)	Alphanumeric	mcg/L	41992-9
SPASU	609385	Methylated Arsenic (Toxic)	Alphanumeric	mcg/L	96252-2
SPASU	609386	Organic Arsenic (Non-Toxic)	Alphanumeric	mcg/L	43181-7
SPASU	609406	Toxic Arsenic Concentration	Alphanumeric	mcg/L	96251-4
SPASU	609387	Total Arsenic Concentration	Numeric	mcg/L	21074-0

Reference Values:

0-17 years: Not established  
> or =18 years: <35 mcg/24 h