

Reporting Title: Arsenic Occ Exp w/Reflex, Random,U**Performing Location:** Rochester**Specimen Requirements:**

Patient Preparation:

- Patient should not eat seafood for a 48-hour period prior to start of collection.
- 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.
- For industrial exposure monitoring, recommended sampling time is at the end of the work week.

Supplies: Urine Tubes, 10 mL (T068)

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

Submission Container/Tube: Plastic vial or clean, plastic aliquot container with no metal cap or glued insert

Specimen Volume: 6 mL

Collection Instructions:

1. Collect urine a random urine specimen.
2. See Metals Analysis Specimen Collection and Transport for complete instructions.

Specimen Minimum Volume:

3 mL

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
608890	Arsenic Occupational Exposure Also used by tests: ASOU	Numeric	mcg/g Cr	13463-5
608891	Total Arsenic Concentration Also used by tests: ASOU	Numeric	mcg/L	5586-3
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ASOU	Arsenic Occupational Exposure			Yes	No
CRETR	Creatinine, Random, U			Yes	No

CPT Code Information:

82175
82570

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
SPAS	Arsenic Speciation, Random, U			No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
SPAS	607692	Inorganic Arsenic (Toxic)	Alphanumeric	mcg/L	12481-8
SPAS	607693	Methylated Arsenic (Toxic)	Alphanumeric	mcg/L	53779-5
SPAS	607694	Organic Arsenic (Non-Toxic)	Alphanumeric	mcg/L	53778-7
SPAS	609405	Toxic Arsenic Concentration	Alphanumeric	mcg/L	96250-6
SPAS	607691	Total Arsenic Concentration	Numeric	mcg/L	5586-3

Reference Values:

Biological Exposure Indices (BEI): <35 mcg/L at end of work week