Test Definition: ASFR

Arsenic Fractionation, 24 Hour, Urine

Reporting Title: Arsenic Fractionation, 24 Hr, U
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube: Clean, plastic urine container with no metal cap or glued insert.
Submission Container/Tube: Plastic, 10-mL urine tube (Supply T068) 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. No preservative. See Urine Preservatives in Special Instructions for multiple collections.
3. Patient should not eat seafood for a 48-hour period prior to start of collection.
4. See Metals Analysis-Collection and Transport in Special Instructions for complete instructions.
5. Refrigerate specimen within 4 hours of completion of 24-hour collection.
Additional Information:
1. 24-Hour volume is required.
2. High concentrations of gadolinium and iodine are known to interfere with most metals tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Urine Preservative Collection Options
Ambient Yes
Refrigerated Preferred
Frozen Yes
6N HCl Yes
50% Acetic Acid Yes
Na2CO3 No
Toluene Yes
6N HNO3 No
Boric Acid No
Thymol No
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	7 days
	Ambient	7 days
	Frozen	7 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
ASFR	TM4	Collection Duration	Plain Text	Yes
ASFR	VL2	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
3628	Inorganic Arsenic (Toxic)	Numeric	mcg/spec	53838-9
3629	Organic Arsenic (Non-Toxic)	Numeric	mcg/spec	53839-7
TM4	Collection Duration	Alphanumeric		13362-9
VL2	Urine Volume	Alphanumeric		3167-4

CPT Code: 1 × 82175

Reference Values:

INORGANIC ARSENIC
0-24 mcg/specimen
Reference values apply to all ages.