

Test Definition: HMSUO

Heavy Metals Screen Occupational Exposure, Urine

Reporting Title: Heavy Metals Scrn Occ Exposure, U

Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube: Clean, plastic urine collection container

Submission Container/Tube: Plastic, 6-mL tube (Supply T465) or a clean, plastic aliquot container with no metal cap or

glued insert

Specimen Volume: 6 mL Collection Instructions:

- 1. Collect a random urine specimen.
- 2. Shake specimen gently.
- 3. See Metals Analysis-Collection and Transport in Special Instructions for complete instructions.

Additional Information:

- 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 metals tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

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

Result Codes:

Result ID	Reporting Name	Туре	Unit	LOINC®
CDCR	Creatinine Conc	Numeric	mg/dL	35674-1
21670	As Conc	Numeric	mcg/L	5586-3
21671	As/Creatinine Ratio	Numeric	mcg/g	13463-5
21668	Inorganic As/Cr Ratio	Numeric	mcg/g	13825-5
21673	Pb Conc	Numeric	mcg/L	5676-2
21674	Pb/Creatinine Ratio	Numeric	mcg/g	13466-8
860	Cd Conc	Numeric	mcg/L	5611-9
7242	Cd/Creatinine Ratio	Numeric	mcg/g	13471-8
21667	Hg Conc	Numeric	mcg/L	5689-5
21679	Hg/Creatinine Ratio	Numeric	mcg/g	13465-0



Test Definition: HMSUO

Heavy Metals Screen Occupational Exposure, Urine

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CDCR	Creatinine Conc			Yes	No
ARCO	As Conc	1	82175	Yes	No
PBCO	Pb Conc	1	83655	Yes	No
CDUOM	Cd Conc	1	82300	Yes	Yes (order CDU)
HGCO	Hg Conc	1	83825	Yes	Yes (order HGOM)

Reference Values:

ARSENIC/CREATININE <50 mcg/g

MERCURY/CREATININE <35 mcg/g

CADMIUM/CREATININE <3.0 mcg/g

LEAD/CREATININE <5 mcg/g