

Quarterly HOTLINE: Effective November 12, 2018

2011304

Heavy Metals Panel 3, Random Urine with Reflex to Arsenic Fractionated

HYMETU RND

Performed: Sun-Sat
Reported: 1-3 days

Specimen Required: Patient Prep: Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, non-essential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. **Collection of urine specimens from patients receiving iodinated or gadolinium-based contrast media should be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for a minimum of 14 days post-contrast media exposure.**

Collect: Random urine.

Specimen Preparation: Transfer an 8 mL aliquot from a well-mixed collection to ARUP Trace Element-Free Transport Tubes (ARUP supply #43116), available online through eSupply using ARUP Connector contact ARUP Client Services at (800) 522-2787. (Min: 2 mL)

Storage/Transport Temperature: Refrigerated. Also acceptable: Room temperature or frozen.

Unacceptable Conditions: Urine collected within 72 hours after administration of iodinated or gadolinium-based contrast media.. Acid preserved urine. Specimens contaminated with blood or fecal material. Specimens transported in non-trace element-free transport tube (with the exception of the original device).

Stability (collection to initiation of testing): Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 1 year

Reference Interval:

Test Number	Components	Reference Interval		
	Arsenic Urine - per volume	Effective November 13, 2017 0.0-34.9 µg/L (based on Biological Exposure Index)		
	Arsenic, Urine - ratio to CRT	Effective November 13, 2017 0.0-29.9 ug/gCRT		
0020734	Arsenic, Fractionated, Urine	Test Number	Components	Reference Interval
			As Organic	Refer to report
			Arsenic Total Inorganic	Refer to report
			Arsenic, Methylated	Refer to report
	Lead, Urine - per volume	Effective November 12, 2018 0.0-5.0 µg/L		
	Lead, Urine - ratio to CRT	Effective November 12, 2018 0.0-5.0 ug/gCRT		
	Mercury, Urine - per volume	Effective November 12, 2018 0.0-5.0 µg/L		
	Mercury, Urine - ratio to CRT	Effective November 13, 2017 0.0-20.0 µg/gCRT		