

0025055

Heavy Metals Panel 6, Urine with Reflex to Arsenic Fractionated

HYMET 6

**Performed:** Sun-Sat  
**Reported:** 1-5 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. **Collection from** patients receiving iodinated or gadolinium-based contrast media **must** 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: 24 Hour **Urine. Refrigerate during collection.** Specimen must be collected in a plastic **container. Also acceptable:** Random Urine.

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

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

Remarks: Trace Elements requisition form may be required (ARUP form #32990-Barcode; #32991-No Barcode). Record total volume and collection time interval on transport tube and on test request form.

Unacceptable Conditions: **Specimens** collected within 72 hours after administration of iodinated or gadolinium-based contrast media. Acid preserved urine. **Specimens transported in containers other than specified.** Specimens contaminated with blood or fecal **material.**

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

**Note:** **High concentrations of iodine or gadolinium may interfere with elemental testing.** If total arsenic concentration is between 35-2000 ug/L, then Arsenic, Fractionated, will be added to determine the proportion of organic, inorganic, and methylated forms. Additional charges apply.