

## Arsenic, Urine

Test ID: 270

CPT: 82175, 82570

### Clinical Significance

Arsenic, Urine - Arsenic is widely distributed in the earth's crust. Arsenic is used in some pesticides and industrial applications. Arsenic toxicity can cause skin changes, respiratory illness, nausea and vomiting, and other effects.

### Test Details

**Components:** Creatinine

**Methodology:** Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

### Reference Range

#### Arsenic, Random Urine

Non-exposed Adult	≤35 mcg/g creat
Biological Exposure Index (end of shift/work week)	≤50 mcg/g creat

#### Creatinine, Random Urine

≤6 Months	2-28 mg/dL
7-11 Months	2-31 mg/dL
1-2 Years	2-110 mg/dL
3-8 Years	2-130 mg/dL
9-12 Years	2-160 mg/dL
>12 Years Male	20-320 mg/dL
>12 Years Female	20-275 mg/dL

### Container

Acid-washed plastic urine container

### Transport Temperature

Refrigerated (cold packs)

### Specimen(s)

7 mL urine  
Minimum Volume: 3 mL

### Specimen Stability

Room temperature: 48 hours  
Refrigerated: 5 days  
Frozen: 14 days

### Reject Criteria

### Days Performed

### Collection Instructions

Collect urine in an acid-washed or metal-free plastic container.

Tests performed on a specimen submitted in a non-trace element tube or non-acid washed/non-metal free container may not accurately reflect the patients level. If a non-trace element tube/container is received, it will be accepted for testing. However, elevated results shall be reported with a message that a re-submission with a trace element tube/container is recommended.

\*The CPT codes provided are based on AMA guidance and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.