

# Lead, Urine

**CPT Code:** 82570, 83655

**Order Code:** 601

**ABN Requirement:** No

**Includes:** Lead, Creatinine (Random Urine)

**Specimen:** Urine, Random

**Volume:** 7.0 mL

**Minimum Volume:** 3.0 mL

**Container:** Acid-Washed or Metal-free plastic container

## **Collection:**

1. Collect urine in an acid-washed or metal-free plastic container.
2. Label container according to standard protocols.

**Collection Instructions:** Avoid worksite collection.

**Note:** Tests performed on a specimen submitted in a non-acid washed/non-metal free container may not accurately reflect the patient's 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.

**Transport:** Store urine at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

## **Stability:**

**Ambient (15-25°C):** 48 hours

**Refrigerated (2-8°C):** 5 days

**Frozen (-20°C):** 14 days

**Causes for Rejection:** Improper labeling; samples not stored properly; samples older than stability limits

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

**Turn Around Time:** 2 to 3 days

**Reference Range:**

Lead, Urine

Creatinine, Random Urine

**Clinical Significance:** Elevated urinary lead concentration is indicative of chronic lead toxicity. Urinary lead concentrations may be used to monitor detoxification therapy.

*The CPT codes provided are based on AMA guidelines 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.*