

# Lead, Blood (Venous)

**CPT Code:** 83655

**Order Code:** 599

**ABN Requirement:** No

**Synonyms:** Pb

**Specimen:** Whole Blood

**Volume:** 3.0 mL

**Minimum Volume:** 0.5 mL

**Container:**

**Preferred:**

-Royal Blue Top (EDTA) tube

**Alternative:**

-Tan Top (Sodium Heparin, Lead-Free) tube

**Collection:**

1. Draw and gently invert 8 to 10 times.
2. Label tube with patient information.
3. Store transport tube refrigerated at 2-8°C until ready to ship.

**Collection Instructions:**

Collection material such as alcohol swabs should be lead-free. Use powderless gloves. Clean skin for venipuncture with lead-free alcohol swab prior to puncture. Avoid worksite collection.

**Note:** Tests performed on a specimen submitted in a non-trace element tube may not accurately reflect the patient's level. If a non-trace element tube 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 is recommended.

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

**Stability:**

**Ambient (15-25°C):** 5 days

**Refrigerated (2-8°C):** 14 days

**Frozen (-20°C):** 60 days

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

**Methodology:** Inductively Coupled Plasma/Mass Spectrometry (ICP/MS) or Atomic Spectroscopy (AS)

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

**Reference Range:**

Blood lead levels in the range of 5-9 mcg/dL have been associated with adverse health effects in children aged 6 years and younger. Patient management varies by age and CDC Blood Level Range. Refer to the CDC website regarding Lead Publications/Case Management for recommended interventions.

**Priority Values:**

**Clinical Information:** Blood lead level analysis is performed to evaluate the body burden of lead.

*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.*