

TEST CHANGE

Lead, Whole Blood (Venous)

0020098, LEAD-WB

Specimen Requirements:

Patient Preparation:

Collect: Royal blue (K2EDTA) ~~or royal~~, ~~Royal~~ blue (NaHep), ~~or tan (K2EDTA)~~.

Specimen Preparation: Transport 3 or 6 mL whole blood in the original collection tube (royal blue ~~K2EDTA or NaHep~~). (Min: 0.5 mL) ~~OR Transport 3 mL whole blood in the original collection tube (tan). (Min: 0.5 mL)~~

Transport Temperature: Room temperature. Also acceptable: Refrigerated.

Unacceptable Conditions: Serum. Specimens collected in tubes other than royal blue (K2EDTA) ~~or~~, royal blue (NaHep), ~~or tan (K2EDTA)~~. Clotted specimens. Capillary pediatric EDTA collection tubes, refer to Lead, Whole Blood (Capillary) 0020745.

Remarks:

Stability: Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

Methodology: Quantitative Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Note:

CPT Codes: 83655

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference intervals are based on the CDC's Blood Lead Reference Value (BLRV). Thresholds and time intervals for retesting, medical evaluation, and response vary by state and regulatory body. Contact your State Department of Health and/or applicable regulatory agency for specific guidance on medical management recommendations.

Elevated results may be due to skin- or collection-related contamination, including the use of tubes that are not certified to be trace element free. If an elevated result is suspected to be due to contamination, confirmation with a second specimen collected in a certified trace element-free tube is recommended.

Methodology: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).

Reference Interval:

Test Number	Components	Reference Interval
	Lead, Whole Blood (Venous)	Less than or equal to 3.4 ug/dL



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and its Department of Pathology*

Effective Date: **April 20, 2026**