

Name : DUMMY
Lab No. : C02007
Ref By : DR. DUMMY DUMMY
Collected : 7/8/2025 4:01:00AM
A/c Status : P
Collected at : PRODUCTION TEST COLLECTION CENTRE
 SECTOR - 18, BLOCK-E ROHINI
 DELHI 110085

Age : 25 Years
Gender : Female
Reported : 7/8/2025 4:28:48PM
Report Status : Interim
Processed at : LPL-NATIONAL REFERENCE LAB
 National Reference laboratory, Block E,
 Sector 18, Rohini, New Delhi -110085



Test Report

Test Name	Results	Units	Bio. Ref. Interval
LEAD, BLOOD (ICPMS)	3.00	µg/dL	<5.00

Interpretation

REFERENCE GROUP	REFERENCE RANGE IN µg/dL
Acceptable for Industrial exposure	<50
Toxicity	≥100

(Reference: Tietz Clinical Guide to Laboratory Tests)

Note:

1. No safe level of lead in children has been identified thus focus should be on eliminating exposure in the first place. CDC recommends that children with blood lead levels (BLL) of **3.5 µg/dL** and higher should receive routine assessment of nutritional and developmental milestones as even low levels of lead in blood have been shown to reduce children's IQ, ability to pay attention, and academic achievement
2. To assess occupational exposure sample should be collected at the end of the shift on the last day of the workweek

Comments

Lead is the most ubiquitous toxic metal detectable in practically all phases of the inert environment and in all biological systems. Industrial exposure to lead is seen in industries manufacturing lead containing paints & ceramic glazes, batteries, water pipes & ammunition. Major exposure of the general population is through food & water. Lead containing toys & paints are a primary source of lead exposure in children. The toxic effects of lead affect almost all body systems adverse neurodevelopmental effects in children and cardiovascular disease in adults, are nonspecific and largely subclinical. In addition, there is considerable inter-individual variation in dose-response relations for lead toxicity, and the presenting signs and symptoms are highly variable in both adults and children.

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Result/s to follow:

LEAD, BLOOD

IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory.
•Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner /Doctor. •The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

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National Reference lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory.

