

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC282	Billing Date : 07/07/2023 12:11:48
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012396	Report Released on : 08/07/2023 14:47:12
Accession No : 10002304452	Barcode No. : 10002304452
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

# Lead <i>Sample: Whole Blood EDTA</i> <i>Method: ICPMS</i>	2.50	< 10.0	µg/dL
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Lead

Lead is a heavy metal commonly found in environment and can be an acute or chronic toxin. Exposure to lead from any of the environmental sources either by ingestion, inhalation, or dermal contact can cause significant toxicity. 75% to 80% of absorbed lead is typically excreted via urine, 15 to 20% via bile, and the remainder via sweat, hair and nails.

Urinary lead increases in lead poisoning. Measurement of urine excretion rates either before or after chelation therapy has been used as an indicator of lead exposure. However, blood lead analysis has the strongest correlation with toxicity.

Limitations: High concentrations of gadolinium and iodine are known to interfere with most metals tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen cannot be collected for 96 hours.

Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician).

** End of Report **



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Scientist



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