

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. BC287	Billing Date : 07/07/2023 12:11:56
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. : P1000100012401	Report Released on : 08/07/2023 14:47:28
Accession No : 10002304457	Barcode No. : 10002304457
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

BIOCHEMISTRY

# Mercury <i>Sample: Serum</i> <i>Method: ICPMS</i>	3.00		µg/L
--	------	--	------

Mercury

Mercury- Blood Interpretation	Associated conditions
Mercury exposure can occur from-Dental amalgams, Broken thermometers, barometers, contaminated sea food consumption, preservatives (esp. thimerosal), Grain seeds treated with methyl mercury fungicide.	Mercury toxicity is often manifested as Mental symptoms (insomnia, fatigue, poor short-term memory), tremor, stomatitis, gingivitis, GI and Renal disturbances and decreased immunity.

1. Whole Blood / Serum metal testing is used for the detection of recent exposure or poisoning with the toxic element. However, blood metal levels in healthy subjects can vary considerably with exposure to the particular metal present in the diet and in the environment.
2. It should be noted that low or within acceptable levels in blood / Serum do not always exclude that the element is uninvolved in contributing to the patient's symptoms because certain elements may be sequestered in tissues.
3. Lower metal levels in patients on follow-up imply that the toxic element exposure is reduced in the patient's immediate environment or that the body has efficiently eliminated the toxic element.

Reference –

1. Sample collection guidelines for trace elements in blood and urine. International union of pure and applied chemistry clinical chemistry division commission on toxicology working party. Pure & Appl. Chem., Vol. 67, Nos 8/9, pp. 1575-1608, 1995.
2. Nutrient & toxic elements interpretative guide, metamatrix, USA, 2011.

** End of Report**



Dr. Daipayan Ghosh
Scientist



Dr. Aarti Khanna Nagpal
DNB (Pathology)
Senior Consultant

