

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. BC276	Billing Date	: 07/07/2023 12:11:34
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.	: P1000100012389	Report Released on	: 08/07/2023 14:44:46
Accession No	: 10002304445	Barcode No.	: 10002304445
Referring Doctor	: Self		
Referred By	:	Ref no.	:

Report Status - Final

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

BIOCHEMISTRY

# Arsenic	25.00	< 62.7	µg/L
<i>Sample: Whole Blood EDTA</i>			
<i>Method: ICPMS</i>			

Arsenic

Arsenic Interpretation	Associated Conditions
Arsenic exposure can occur from-through elevated inorganic arsenic in drinking water, this is one of the major causes of arsenic toxicity. Other sources are automobile exhaust, rat poisons, household detergents, wood preservatives, insecticide residues on fruits and vegetables, contaminated wine and seafood.	* Acute Arsenic exposure often associated with headache, nausea, vomitin, diarrhoea, abdominal pain, hypotension, fever, haemolysis, seizures and mental status changes. * Chronic exposure often associated with darkening and degeneration of skin and can lead to cancer, diabetes and neurological and vascular dysfunction.

- 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.
- 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.
- 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 effeciently eliminated the toxic element.

Reference -

- Sample collection guidelines for the 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.
- Nutrient & toxic elements interpretative guide, metamatrix, USA, 2011.

** End of Report**


Dr. Daipayan Ghosh

Scientist

The Test/s marked with (#) is are not accredited by NABL

NATIONAL REFERENCE LAB
PATHKIND DIAGNOSTICS PVT. LTD.

 Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram
 care@pathkindlabs.com | www.pathkindlabs.com
 Customer Care: 75000-75111


Dr. Aarti Khanna Nagpal

DNB (Pathology)

Senior Consultant

10002304445 Mr. BC276

Page No: 1 of 1

जांच सही तो इलाज सही

