

Client

Gurugram

Pathkind Diagnostics Pvt. Ltd.

Plot No. 55-56, Udhyog Vihar Ph-IV, Gurugram - 122015

Processed By Pathkind Diagnostics Pvt. Ltd.

Plot No. 55-56, Udhyog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC286

: 35 Yrs Age Sex : Male

: P1000100012400 P. ID No.

: 10002304456 Accession No

Referring Doctor: Self

Referred By

Billing Date 07/07/202312:11:55 Sample Collected on

10/07/2023 10:01:31

Sample Received on Report Released on

10/07/2023 11:02:13

Barcode No.

14/07/2023 18:20:02

10002304456

Ref no.

Report Status - Final

Test Name Result Biological Ref. Interval

Unit

BIOCHEMISTRY

Manganese, Spot Urine

Sample: Urine (Spot) Method: ICPMS

22.0

Manganese, Spot Urine

Inductively Coupled Plasma Mass Spectrometry (ICPMS) is used to determine the level of heavy / trace metals in biological tissues Manganese is an essential element used as a co-factor for a number of enzymatic reactions. Main intake is derived from food, vegetables, germinal portions of grains, fruits, nuts, tea and some spices. Elevated levels of whole blood Mn have been reported, with and without central nervous system (CNS) symptoms, in patients with hepatitis B virus-induced liver cirrhosis, in patients on total parenteral nutrition (TPN) with Mn supplementation, and in infants born to mothers who were on TPN

It is used in industries dealing with steel alloys, dry cell batteries, electrical coils, ceramics, matches, glass tiles, welding rods, animal food additives & fertilizers. Individuals working in industries with high concentrations of manganese dust show a 30 times greater incidence of respiratory disease than normal individuals. Manganese exposure leads to abnormal electrocardiogram and inhibits myocardial contraction.

** End of Report**

Dr. Aarti Khanna Nagpal

DNB (Pathology) Senior Consultant







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