



Laboratory Investigation Report

BML261557

Name	: Mr. MUHAMMAD USMAN MUHAMMAD EHSAN QADAR	Ref No.	: 39650
DOB	: 18/10/1996	Sample No.	: 2309264953
Age / Gender	: 26 Y 10 M / Male	Collected	: 08/09/2023 13:53
Referred by	: Peshawar Medical Center LLC	Registered	: 08/09/2023 13:55
Centre	: Peshawar Medical Center LLC	Reported	: 08/09/2023 15:30

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
MAGNESIUM	2.2		mg/dL	1.8 - 2.4	Methylthymol blue

Interpretation Notes :

Increased magnesium levels relate mostly to patients in renal failure. Increased serum magnesium is also found with Addison disease and in pregnant patients with severe preëclampsia or eclampsia who are receiving magnesium sulfate as an anticonvulsant. Hypermagnesemia may occur in patients using magnesium-containing cathartics. High magnesium levels are manifested by decreased reflexes, somnolence and heart block. Decreased level or Hypomagnesemia is seen in neuromuscular disorders. Hypomagnesemia is associated with hypocalcemia, hypokalemia, long-term hyperalimentation, intravenous therapy, diabetes mellitus, especially during treatment of ketoacidosis; alcoholism and other types of malnutrition; malabsorption; hyperparathyroidism; dialysis; pregnancy and hyperaldosteronism. Renal loss of magnesium occurs with cis-platinum therapy. Drugs like amphotericin toxicity will causes hypomagnesemia.

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

This is an electronically authenticated report

Page 1 of 1



ELOISA MAY DELMO

Laboratory Technologist

Printed on: 16/09/2023 14:43

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

