

Laboratory Investigation Report

BML266887

Name	: Mr. MUHAMMAD USMAN	Ref No.	: 39650
DOB	: 18/10/1996	Sample No.	: 2309270307
Age / Gender	: 26 Y 10 M / Male	Collected	: 15/09/2023 20:00
Referred by	: Dr. Enomen Goodluck Ekata	Registered	: 16/09/2023 14:17
Centre	: Peshawar Medical Center LLC	Reported	: 16/09/2023 19:43

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
PHOSPHORUS (INORGANIC PHOSPHATE)	3.8		mg/dL	2.6 - 4.7	Phosphomolybdate method

Interpretation Notes :

High phosphorus level may be seen in dehydration and hypovolemia, high phosphorus content enema, acromegaly, hypoparathyroidism; pseudohypoparathyroidism, bone metastases, hypervitaminosis D, sarcoidosis, milk-alkali syndrome, liver disease such as portal cirrhosis, catastrophic events such as cardiac resuscitation, pulmonary embolism, renal failure, and diabetes mellitus with ketosis.

Low phosphorus level may be seen in very severely malnourished subjects, Primary hyperparathyroidism and other causes of calcium elevation, including ectopic hyperparathyroidism (pseudohyperparathyroidism), Patients with sepsis, including Legionnaires' disease and other respiratory infections, Vitamin D deficiency, osteomalacia, inherited and sporadic forms of hypophosphatemic rickets, Renal tubular disorders (Fanconi syndrome, renal tubular acidosis), hypercalciuria, steatorrhea, malabsorption, severe diarrhea, nasogastric suction, hypokalemia, negative nitrogen balance, decreased dietary PO₄ intake, recovery from severe burn injury, salicylate poisoning, acute gout, tumor, hemangiopericytomas (uncommon pathologic entities) and neurofibromatosis, transfusion of blood, arteriography.

Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

This is an electronically authenticated report

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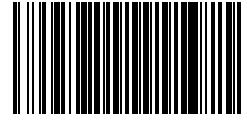
MOHAMMED RASHID CHENANGADATH

Laboratory Technologist

Printed on: 16/09/2023 21:25

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.





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Test	Result	Flag	Unit	Reference Range	Methodology
LIVER FUNCTION TEST					
ALT / SGPT	1592	H	U/L	16 - 63	UV with P5P 37°C (IFCC)
AST / SGOT	800	H	U/L	15 - 37	Tris buffer UV with P5P 37°C
ALP (ALKALINE PHOSPHATASE)	166	H	U/L	46 - 116	AMP optimised to IFCC 37°C
GGT (GAMMA GLUTAMYL TRANSFERASE)	79		U/L	15 - 85	Gamma glutamyl-3-carboxy-4-nitroanilide 37°C
BILIRUBIN (TOTAL)	9.0	CH	mg/dL	0.2 - 1.0	Jendrassik Grof
BILIRUBIN (DIRECT)	7.4	H	mg/dL	0 - 0.2	Diazotization
INDIRECT BILIRUBIN	1.60		mg/dL	< or = 0.90	Calculated
TOTAL PROTEIN	6.8		g/dL	6.4 - 8.2	Biuret reaction
ALBUMIN (SERUM)	3.9		g/dL	3.4 - 5.0	Bromocresol purple
GLOBULIN	2.9		g/dL	2.0 - 3.5	Calculation
A/G RATIO	1.3		NULL	0.8 - 2.0	Calculation

Comments : Rechecked. Please correlate clinically.

Sample Type : Serum

End of Report

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