

Patient Name : Mr.NN MISHRA	Visit No : CHA250034170
Age/Gender : 45 Y/M	Registration ON : 25/Feb/2025 03: 42PM
Lab No : 10131466	Sample Collected ON : 25/Feb/2025 03: 43PM
Referred By : SELF	Sample Received ON : 25/Feb/2025 03: 57PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 25/Feb/2025 06: 20PM
Doctor Advice : IONIC CALCIUM,ALK PHOS,CALCIUM,25 OH vit. D	



Test Name	Result	Unit	Bio. Ref. Range	Method
IONIC CALCIUM				
IONIC CALCIUM	1.28	mmol/L	1.13 - 1.33	

INTERPRETATION:

-Calcium level is increased in patients with hyperparathyroidism, Vitamin D intoxication, metastatic bone tumor, milk-alkali syndrome, multiple myeloma, Paget's disease.
-Calcium level is decreased in patients with hemodialysis, hypoparathyroidism (primary, secondary), vitamin D deficiency, acute pancreatitis, diabetic Keto-acidosis, sepsis, acute myocardial infarction (AMI), malabsorption, osteomalacia, renal failure, rickets.

SERUM CALCIUM				
CALCIUM	10.5	mg/dl	8.8 - 10.2	dapta / arsenazo III

25 OH vit. D				
25 Hydroxy Vitamin D	17.40	ng/ml		ECLIA

Deficiency < 10
Insufficiency 10 - 30
Sufficiency 30 - 100
Toxicity > 100

DONE BY: ELECTROCHEMILUMINESCENCE IMMUNOASSAY(Cobas e 411,Unicel DxI600,vitros ECI)

CHARAK

[Checked By]

Print.Date/Time: 25-02-2025 18:55:12

*Patient Identity Has Not Been Verified. Not For Medicolegal



Shadab Khan

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
ALK PHOS				
ALK PHOS	105.80	U/L	30 - 120	PNPP, AMP Buffer

INTERPRETATION:

- Alkaline phosphatase is an enzyme found in your bloodstream. ALP helps break down proteins in the body and exists in different forms, depending on where it originates. Liver is one of the main sources of ALP, but some is also made in bones, intestines, pancreas, and kidneys. In pregnant women, ALP is made in the placenta.
- Higher than normal levels of ALP in blood may indicate a problem with liver or gallbladder. This could include hepatitis (liver inflammation), cirrhosis (liver scarring), liver cancer, gallstones, or a blockage in bile ducts. High levels may also indicate an issue related to the bones such as rickets, Paget's disease, bone cancer, or an overactive parathyroid gland. In rare cases, high ALP levels can indicate heart failure, kidney cancer, other cancer, mononucleosis, or bacterial infection. Having lower than normal ALP levels in blood is rare, but can indicate malnutrition, which could be caused by celiac disease or a deficiency in certain vitamins and minerals.

*** End Of Report ***

CHARAK



MC-2491

Print.Date/Time: 25-02-2025 18:55:14

*Patient Identity Has Not Been Verified. Not For Medicolegal

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