

Patient Name : Mr. PRAMOD KUMAR	Visit No : CHA250035681
Age/Gender : 34 Y/M	Registration ON : 27/Feb/2025 05:08PM
Lab No : 10132977	Sample Collected ON : 27/Feb/2025 05:10PM
Referred By : Dr. ESIC HOSPITAL LUCKNOW	Sample Received ON : 27/Feb/2025 05:29PM
Refer Lab/Hosp : ESIC HOSPITAL LUCKNOW	Report Generated ON : 27/Feb/2025 06:38PM
Doctor Advice : FOLIC ACID, VIT B12, 25 OH vit. D	



Test Name	Result	Unit	Bio. Ref. Range	Method
25 OH vit. D				
25 Hydroxy Vitamin D	58.46	ng/ml		ECLIA

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

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

VITAMIN B12				
VITAMIN B12	615	pg/mL	180 - 814 Normal 145 - 180 Intermediate 145.0 Deficient pg/ml	CLIA

Summary :-

Nutritional & macrocytic anemias can be caused by a deficiency of vitamin B12. This deficiency can result from diets devoid of meat & bacterial products, from alcoholism or from structural / functional damage to digestive or absorptive processes. Malabsorption is the major cause of this deficiency.

FOLIC ACID				
FOLIC ACID	14.59	ng/ml	3.89 26.8	CMIA

Method: Electrochemiluminescence

COMMENTS: Folate deficiency causes megaloblastic anemia and eventually leukopenia and thrombocytopenia. Folic acid is believed to play a role in birth defects such as spina bifida, anencephaly, and oro-facial clefts as well as in inducing cardiovascular morbidity and mortality. Symptoms of deficiency take about 3 months to appear and can be caused by inadequate intake, increased body demand or folate antagonism by drugs. For diagnostics purposes, the folate findings should always be assessed in conjunction with the patient's medical history, clinical examination and other findings. This deficiency can result from diets devoid of raw fruits, vegetables or other foods rich in folic acid, as may be the case with chronic alcoholics, drug addicts, the elderly or persons of low socioeconomic status, etc. In addition, low serum also occurs during pregnancy. Folate assays are affected by hemolysis within the specimen.

*** End Of Report ***

[Checked By]

Print.Date/Time: 28-02-2025 00:01:13

*Patient Identity Has Not Been Verified. Not For Medicolegal



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