

Patient Name : Mr. SHUBHAM	Visit No : CHA250036716
Age/Gender : 29 Y/M	Registration ON : 01/Mar/2025 09:30AM
Lab No : 10134012	Sample Collected ON : 01/Mar/2025 09:31AM
Referred By : SELF	Sample Received ON : 01/Mar/2025 09:42AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 01/Mar/2025 11:07AM
Doctor Advice : FASTING,FERRITIN,TIBC,Iron,PROLACTIN,VIT B12	



Test Name	Result	Unit	Bio. Ref. Range	Method
IRON				
IRON	63.30	ug/ dl	59 - 148	Ferrozine-no deproteinization
TIBC				
TIBC	286.00	ug/ml	265 - 497	calculated
VITAMIN B12				
VITAMIN B12	179	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.

FERRITIN				
FERRITIN	69	ng/mL	13 - 400	CLIA

INTERPRETATION:

Ferritin is a high-molecular weight iron containing protein that functions in the body as an iron Storage compound. Ferritin provides a more sensitive, specific and reliable measurement for determining iron deficiency at an early stage. The combined use of serum ferritin levels and mean corpuscular volume (MCV) has made differentiation between iron deficiency, beta-thalassemia trait and normal subjects possible at a very high level of accuracy. Serum ferritin measurements provide important clinical parameters for assessing the response to treatment with deferoxamine, in the treatment of thalassemia. Elevated levels are seen in malignant diseases such as leukemia, Hodgkins disease, breast cancer, head and neck cancer and ovarian cancer.

LIMITATIONS:

Specimens from patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy may show either false positive or depressed values. For diagnostic purposes the ferritin result should be used in conjunction with other data, e.g.: symptoms, results of other tests, clinical impressions, etc.

[Checked By]



Sharma

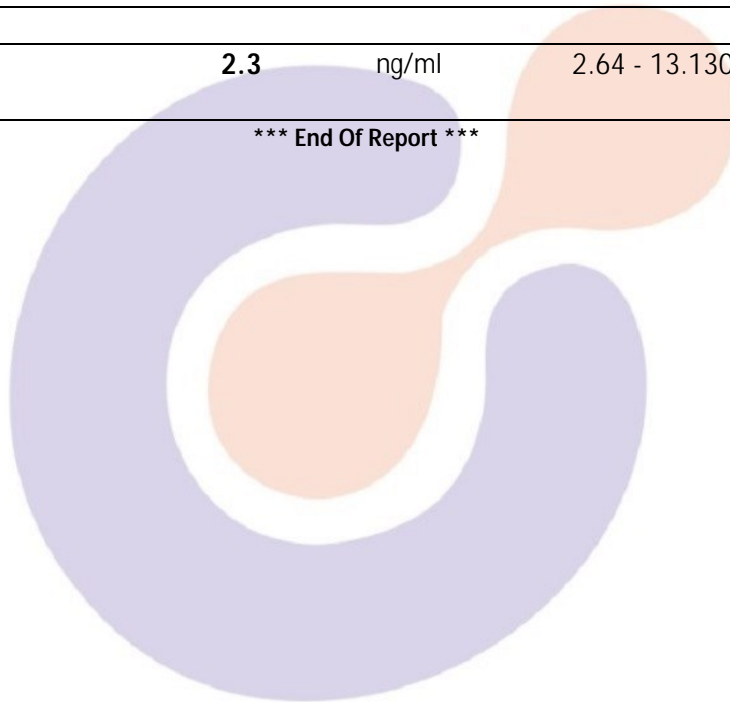
DR. NISHANT SHARMA PATHOLOGIST DR. SHADAB PATHOLOGIST Dr. SYED SAIF AHMAD MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
FASTING				
Blood Sugar Fasting	99.6	mg/dl	70 - 110	Hexokinase
PROLACTIN				
PROLACTIN Serum	2.3	ng/ml	2.64 - 13.130	CLIA

*** End Of Report ***



CHARAK



MC-2491

Print.Date/Time: 01-03-2025 16:20:11

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sham

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