

Patient Name : Mr. VINAY KUMAR YADAV	Visit No : CHA250042246
Age/Gender : 41 Y/M	Registration ON : 09/Mar/2025 09:03AM
Lab No : 10139541	Sample Collected ON : 09/Mar/2025 09:12AM
Referred By : Dr. DINESH KUMAR BIND	Sample Received ON : 09/Mar/2025 09:38AM
Refer Lab/Hosp : CGHS (DEBIT)	Report Generated ON : 09/Mar/2025 11:13AM
Doctor Advice : ECG, 25 OH vit. D, VIT B12, HBA1C (EDTA), PP, FASTING, LIPID-PROFILE, LFT, KIDNEY FUNCTION TEST - I, CBC+ESR	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Erythrocyte Sedimentation Rate ESR	16.00		0 - 15	Westergreen



CHARAK

[Checked By]

Print.Date/Time: 09-03-2025 13:56:28

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

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

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Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	5.6	%	4 - 5.7	HPLC (EDTA)

NOTE:-

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories, USA.

EXPECTED (RESULT) RANGE :

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

LIPID-PROFILE

Cholesterol/HDL Ratio	3.71	Ratio	Calculated
LDL / HDL RATIO	2.25	Ratio	Calculated

Desirable / low risk - 0.5 - 3.0
Low/ Moderate risk - 3.0 - 6.0
Elevated / High risk - >6.0
Desirable / low risk - 0.5 - 3.0
Low/ Moderate risk - 3.0 - 6.0
Elevated / High risk - > 6.0



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Test Name	Result	Unit	Bio. Ref. Range	Method
25 OH vit. D				
25 Hydroxy Vitamin D	10.53	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	117.0	pg/mL		CLIA
180 - 814 Normal 145 - 180 Intermediate 145.0 Deficient pg/ml				

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.

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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Hb	13.8	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.60	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	44.0	%	36 - 45	Pulse hieght detection
MCV	95.2	fL	80 - 96	calculated
MCH	29.9	pg	27 - 33	Calculated
MCHC	31.4	g/dL	30 - 36	Calculated
RDW	14.4	%	11 - 15	RBC histogram derivation
RETIC	0.9 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	5150	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	58	%	40 - 75	Flowcytometry
LYMPHOCYTE	34	%	20-40	Flowcytometry
EOSINOPHIL	5	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	197,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	197000	/cmm	150000 - 450000	Microscopy .
Mentzer Index	21			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
FASTING				
Blood Sugar Fasting	98.0	mg/dl	70 - 110	Hexokinase
PP				
Blood Sugar PP	114.4	mg/dl	up to - 170	Hexokinase
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.87	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.18	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.69	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	71.00	U/L	30 - 120	PNPP, AMP Buffer
SGPT	42.0	U/L	5 - 40	UV without P5P
SGOT	29.0	U/L	5 - 40	UV without P5P
LIPID-PROFILE				
TOTAL CHOLESTEROL	147.70	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	92.10	mg/dL	Normal: <150 mg/dl Borderline-high:150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>=500 mg/dl	Serum, Enzymatic, endpoint
H D L CHOLESTEROL	39.80	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	89.48	mg/dL	Optimal:<100 mg/dl Near Optimal:100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High:>= 190 mg/dl	CO-PAP
VLDL	18.42	mg/dL	10 - 40	Calculated



[Checked By]



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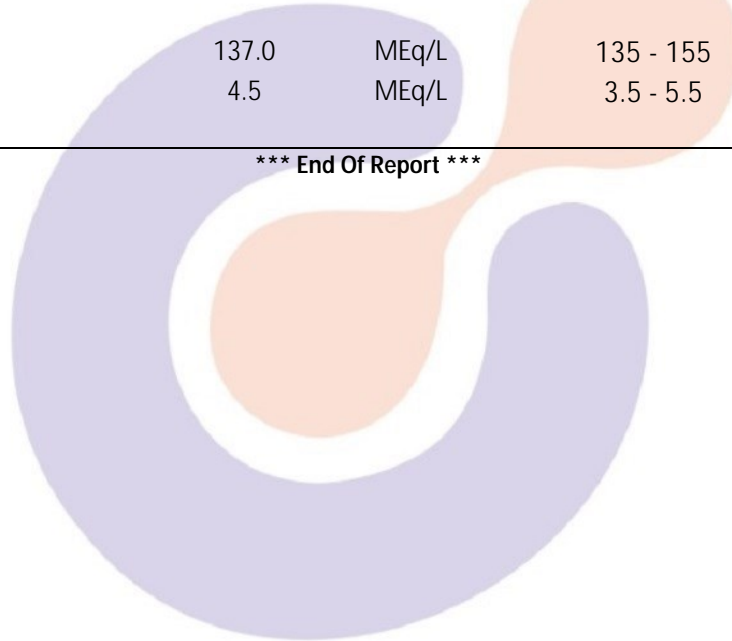
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Test Name	Result	Unit	Bio. Ref. Range	Method
KIDNEY FUNCTION TEST - I				
Sample Type : SERUM				
BLOOD UREA	26.20	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	0.70	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.5	MEq/L	3.5 - 5.5	ISE Direct

*** End Of Report ***



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ECG -REPORT

RATE : 70 bpm
* RHYTHM : Normal
* P wave : Normal
* PR interval : Normal
* QRS Axis : Normal
Duration : Normal
Configuration : Normal
* ST-T Changes : None
* QT interval :
* QTc interval : Sec.
* Other :

OPINION: ECG WITH IN NORMAL LIMITS
(FINDING TO BE CORRELATED CLINICALLY)

[DR. PANKAJ RASTOGI, MD, DM]

*** End Of Report ***

