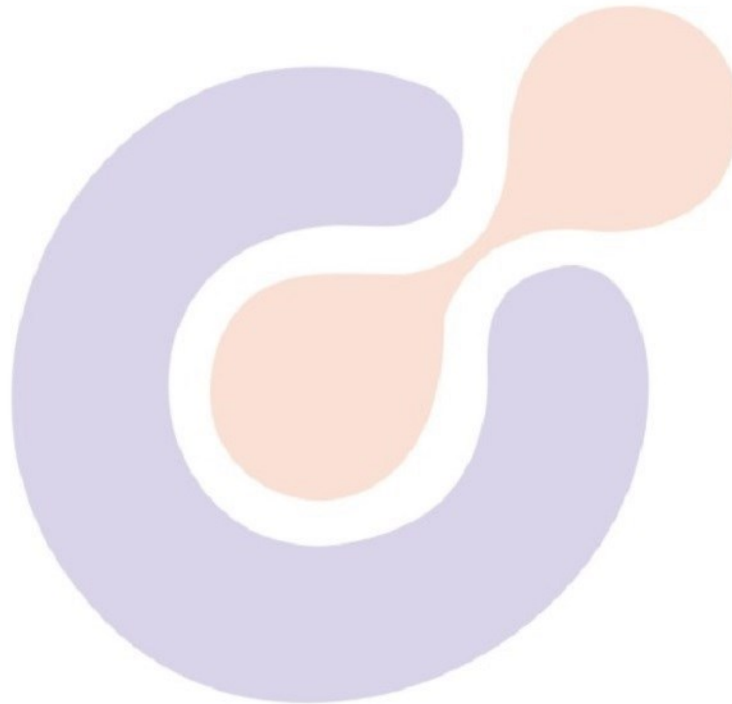


Patient Name : Mr. AMRENDRA KUMAR VERMA	Visit No : CHA250041536
Age/Gender : 63 Y 7 M 18 D/M	Registration ON : 08/Mar/2025 07:42AM
Lab No : 10138831	Sample Collected ON : 08/Mar/2025 07:46AM
Referred By : Dr. ROHAN BAJPAI	Sample Received ON : 08/Mar/2025 09:18AM
Refer Lab/Hosp : CGHS (BILLING)	Report Generated ON : 08/Mar/2025 11:37AM
Doctor Advice : URINE COM. EXMAMINATION, 25 OH vit. D, VIT B12, CBC+ESR, HBA1C (EDTA), LIPID-PROFILE, LFT, KIDNEY FUNCTION TEST - I	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Erythrocyte Sedimentation Rate ESR	8.00		0 - 20	Westergreen



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PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	5.0	%	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	2.95	Ratio	Calculated
LDL / HDL RATIO	1.08	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	12.53	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	126	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
URINE EXAMINATION REPORT				
Colour-U	YELLOW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	1.015		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	10 mg/dl	mg/dl	ABSENT	Dipstick
Glucose	Absent			
Ketones	Absent		Absent	
Bilirubin-U	Absent		Absent	
Blood-U	Absent		Absent	
Urobilinogen-U	0.20	EU/dL	0.2 - 1.0	
Leukocytes-U	Absent		Absent	
NITRITE	Absent		Absent	
MICROSCOPIC EXAMINATION				
Pus cells / hpf	Nil	/hpf	< 5/hpf	
Epithelial Cells	Occasional	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Hb	14.8	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.10	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	42.7	%	36 - 45	Pulse hieght detection
MCV	105.2	fL	80 - 96	calculated
MCH	36.5	pg	27 - 33	Calculated
MCHC	34.7	g/dL	30 - 36	Calculated
RDW	12.8	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	3210	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	54	%	40 - 75	Flowcytometry
LYMPHOCYTE	39	%	20-40	Flowcytometry
EOSINOPHIL	3	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	97,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	140,000	/cmm	150000 - 450000	Microscopy .
Mentzer Index	26			
Peripheral Blood Picture	:			

Red blood cells are microcytic hypochromic, anisocytosis +. Platelets are just adequate. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	1.10	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.50	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.60	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	182.00	U/L	30 - 120	PNPP, AMP Buffer
SGPT	30.3	U/L	5 - 40	UV without P5P
SGOT	81.0	U/L	5 - 40	UV without P5P
LIPID-PROFILE				
TOTAL CHOLESTEROL	238.00	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	351.00	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	80.70	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	87.10	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	70.20	mg/dL	10 - 40	Calculated

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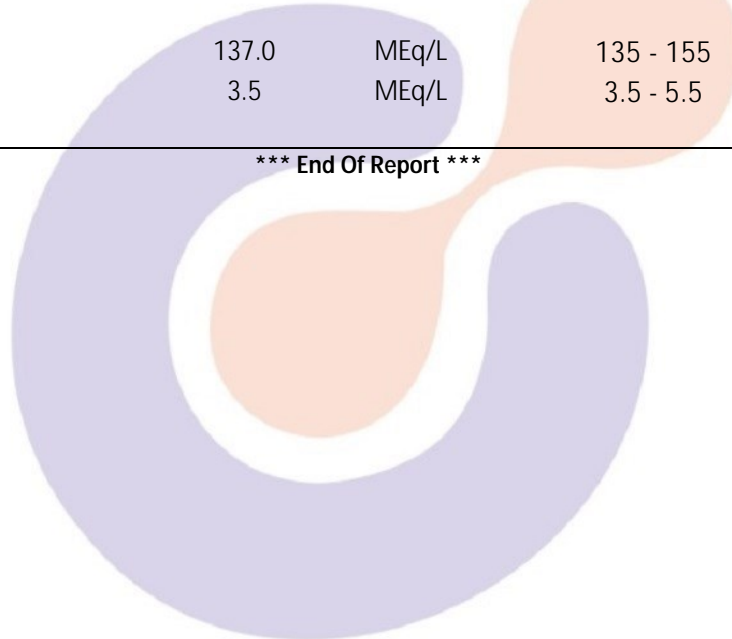
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Test Name	Result	Unit	Bio. Ref. Range	Method
KIDNEY FUNCTION TEST - I				
Sample Type : SERUM				
BLOOD UREA	16.30	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	0.90	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.5	MEq/L	3.5 - 5.5	ISE Direct

*** End Of Report ***



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MC-2491

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