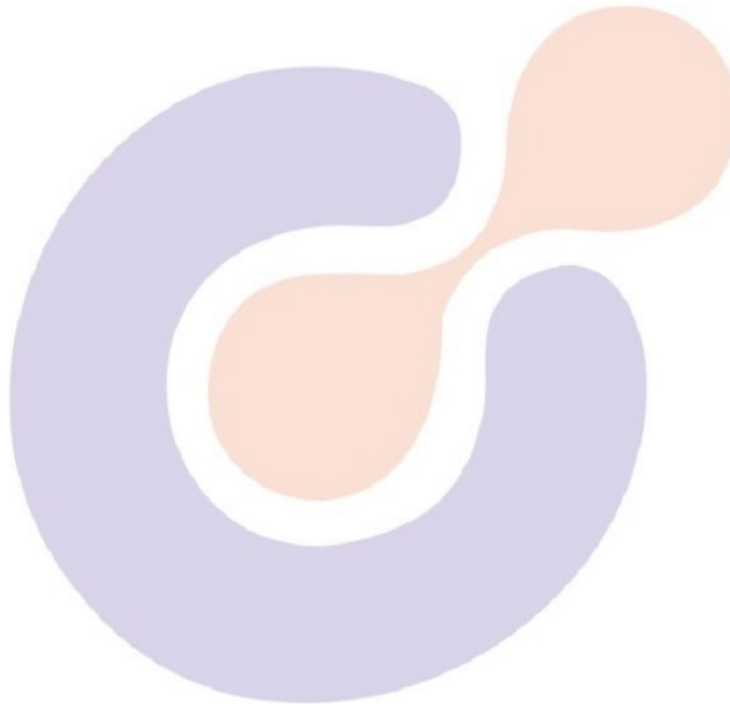


Patient Name : Mr. GIRDHAR GOPAL SAHU	Visit No : CHA250033713
Age/Gender : 72 Y/M	Registration ON : 25/Feb/2025 09:30AM
<b>Lab No : 10131009</b>	Sample Collected ON : 25/Feb/2025 09:33AM
Referred By : Dr. MADHULIKA SINGH	Sample Received ON : 25/Feb/2025 09:44AM
Refer Lab/Hosp : CGHS (BILLING)	Report Generated ON : 25/Feb/2025 11:57AM
Doctor Advice : VIT B12,25 OH vit. D, URIC ACID, HBA1C (EDTA), PP, FASTING, LIPID-PROFILE, LFT, KIDNEY FUNCTION TEST - I, CBC+ESR	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC+ESR (COMPLETE BLOOD COUNT)</b>				
Erythrocyte Sedimentation Rate ESR	16.00		0 - 20	Westergreen



**CHARAK**

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PATHOLOGIST

DR. SHADAB  
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*Aditi D Agarwal*  
DR. ADITI D AGARWAL  
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Patient Name : Mr.GIRDHAR GOPAL SAHU	Visit No : CHA250033713
Age/Gender : 72 Y/M	Registration ON : 25/Feb/2025 09: 30AM
<b>Lab No : 10131009</b>	Sample Collected ON : 25/Feb/2025 09: 33AM
Referred By : Dr.MADHULIKA SINGH	Sample Received ON : 25/Feb/2025 09: 49AM
Refer Lab/Hosp : CGHS (BILLING)	Report Generated ON : 25/Feb/2025 12: 23PM
Doctor Advice : VIT B12,25 OH vit. D,URIC ACID,HBA1C (EDTA),PP,FASTING,LIPID-PROFILE,LFT,KIDNEY FUNCTION TEST - I,CBC+ESR	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C</b>				
Glycosylated Hemoglobin (HbA1c )	7.1	%	4 - 5.7	HPLC (EDTA)

**NOTE:-**

Glycosylated Hemoglobin Test (HbA1c)is performed in this laboratoryby 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

**URIC ACID**

Sample Type : SERUM

SERUM URIC ACID	7.2	mg/dL	2.40 - 5.70	Uricase,Colorimetric
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**LIPID-PROFILE**

Cholesterol/HDL Ratio	3.33	Ratio	Calculated
LDL / HDL RATIO	1.71	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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Patient Name : Mr.GIRDHAR GOPAL SAHU	Visit No : CHA250033713
Age/Gender : 72 Y/M	Registration ON : 25/Feb/2025 09: 30AM
<b>Lab No : 10131009</b>	Sample Collected ON : 25/Feb/2025 09: 33AM
Referred By : Dr.MADHULIKA SINGH	Sample Received ON : 25/Feb/2025 09: 49AM
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Doctor Advice : VIT B12,25 OH vit. D,URIC ACID,HBA1C (EDTA),PP,FASTING,LIPID-PROFILE,LFT,KIDNEY FUNCTION TEST - I,CBC+ESR	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>25 OH vit. D</b>				
25 Hydroxy Vitamin D	11.20	ng/ml		ECLIA
Deficiency < 10 Insufficiency 10 - 30 Sufficiency 30 - 100 Toxicity > 100				

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

<b>VITAMIN B12</b>				
VITAMIN B12	260	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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Patient Name : Mr. GIRDHAR GOPAL SAHU Visit No : CHA250033713  
Age/Gender : 72 Y/M Registration ON : 25/Feb/2025 09: 30AM  
**Lab No : 10131009** Sample Collected ON : 25/Feb/2025 09: 33AM  
Referred By : Dr. MADHULIKA SINGH Sample Received ON : 25/Feb/2025 09: 44AM  
Refer Lab/Hosp : CGHS (BILLING) Report Generated ON : 25/Feb/2025 11: 57AM  
Doctor Advice : VIT B12,25 OH vit. D,URIC ACID,HBA1C (EDTA),PP,FASTING,LIPID-PROFILE,LFT,KIDNEY FUNCTION TEST - I,CBC+ESR



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC+ESR (COMPLETE BLOOD COUNT)</b>				
Hb	13.0	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.20	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	37.6	%	36 - 45	Pulse hieght detection
MCV	90.2	fL	80 - 96	calculated
MCH	31.2	pg	27 - 33	Calculated
MCHC	34.6	g/dL	30 - 36	Calculated
RDW	13.9	%	11 - 15	RBC histogram derivation
RETIC	0.6 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	8030	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	63	%	40 - 75	Flowcytometry
LYMPHOCYTE	29	%	20-40	Flowcytometry
EOSINOPHIL	3	%	1 - 6	Flowcytometry
MONOCYTE	5	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	285,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	285000	/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
<b>FASTING</b>				
Blood Sugar Fasting	186.1	mg/dl	70 - 110	Hexokinase
<b>PP</b>				
Blood Sugar PP	204.8	mg/dl	up to - 170	Hexokinase
<b>LIVER FUNCTION TEST</b>				
TOTAL BILIRUBIN	0.69	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED ( D. Bilirubin)	0.15	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED ( I.D. Bilirubin)	0.54	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	86.60	U/L	30 - 120	PNPP, AMP Buffer
SGPT	21.0	U/L	5 - 40	UV without P5P
SGOT	24.0	U/L	5 - 40	UV without P5P
<b>LIPID-PROFILE</b>				
TOTAL CHOLESTEROL	147.20	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	137.00	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	44.20	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	75.60	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	27.40	mg/dL	10 - 40	Calculated



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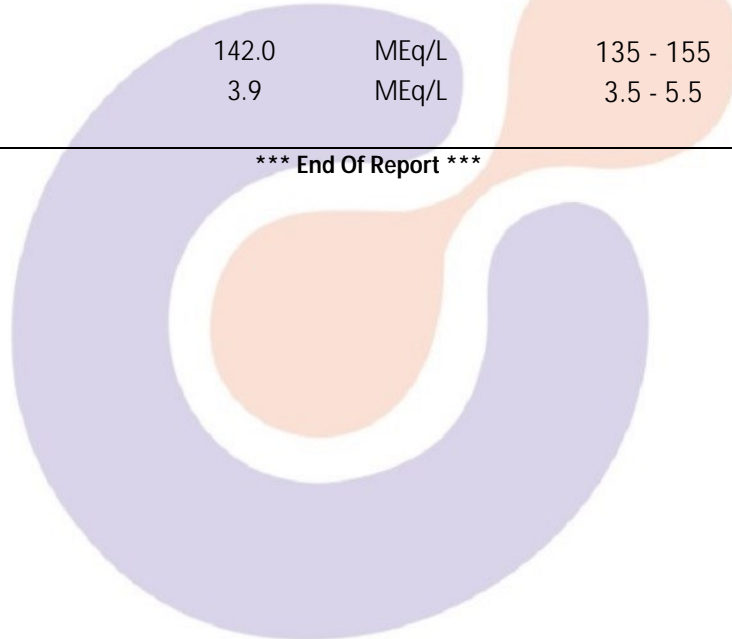
*Signature*  
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>KIDNEY FUNCTION TEST - I</b>				
<b>Sample Type : SERUM</b>				
BLOOD UREA	34.60	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	1.20	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	142.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.9	MEq/L	3.5 - 5.5	ISE Direct

\*\*\* End Of Report \*\*\*



CHARAK



MC-2491

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