

Patient Name : Mr. SHRI RAM VERMA	Visit No : CHA250045509
Age/Gender : 73 Y O M O D /M	Registration ON : 14/Mar/2025 03: 37PM
Lab No : 10142804	Sample Collected ON : 14/Mar/2025 03: 41PM
Referred By : Dr. VIVEKA NAND POLICLINIC	Sample Received ON : 14/Mar/2025 04: 01PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 14/Mar/2025 04: 54PM
Doctor Advice : CRP (Quantitative),PCT,NA+K+,CREATININE,UREA,LFT,HBA1C (EDTA),CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	6.9	%	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

CHARAK

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Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
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CRP-QUANTITATIVE				
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CRP-QUANTITATIVE TEST	13.1	MG/L	0.1 - 6	
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Method: Immunoturbidimetric

(Method: Immunoturbidimetric on photometry system)

SUMMARY : C - reactive protien (CRP) is the best known among the acute phase protiens, a group of protien whose concentration increases in blood as a response to inflammatory disorders.CRP is normally present in low concentration in blood of healthy individuals (< 1mg/L). It is elevated up to 500 mg/L in acute inflammatory processes associated with bacterial infections, post operative conditions tissue damage already after 6 hours reaching a peak at 48 hours.. The measurement of CRP represents a useful laboratory test for detection of acute infection as well as for monitoring inflammtory proceses also in acute rheumatic & gastrointestinal disease. In recent studies it has been shows that in apparently healthy subjects there is a direct orrelation between CRP concentrations & the risk of developing oronary heart disease (CHD).

hsCRP cut off for risk assessment as per CDC/AHA

Level	Risk
<1.0	Low
1.0-3.0	Average
>3.0	High

All reports to be clinically corelated

PROCALCITONIN				
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PROCALCITONIN	0.10	ng/ml	Normal < 0.5 ~SIRS CLIA
			Multiple trauma.burns 0.5
			-2.0~Severe bacterial
			infetions. sepsis.multiple
			organ failure(5-10)- >
			2.0(often 10-100)

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Refer Lab/Hosp : CHARAK NA	Report Generated ON : 14/Mar/2025 04: 58PM
Doctor Advice : CRP (Quantitative),PCT,NA+K+,CREATININE,UREA,LFT,HBA1C (EDTA),CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC (COMPLETE BLOOD COUNT)				
Hb	11.5	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.40	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	36.0	%	36 - 45	Pulse hieght detection
MCV	82.6	fL	80 - 96	calculated
MCH	26.4	pg	27 - 33	Calculated
MCHC	31.9	g/dL	30 - 36	Calculated
RDW	16.2	%	11 - 15	RBC histogram derivation
RETIC	0.8 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	7480	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	75	%	40 - 75	Flowcytometry
LYMPHOCYTES	17	%	25 - 45	Flowcytometry
EOSINOPHIL	2	%	1 - 6	Flowcytometry
MONOCYTE	6	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	220,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	220000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	5,610	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,272	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	150	/cmm	20-500	Calculated
Absolute Monocytes Count	449	/cmm	200-1000	Calculated
Mentzer Index	19			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic with few hypochromic, anisocytosis+. Platelets are adequate. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	139.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.5	MEq/L	3.5 - 5.5	ISE Direct
BLOOD UREA				
BLOOD UREA	23.10	mg/dl	15 - 45	Urease, UV, Serum
SERUM CREATININE				
CREATININE	0.80	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.46	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.18	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.28	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	72.00	U/L	30 - 120	PNPP, AMP Buffer
SGPT	14.1	U/L	5 - 40	UV without P5P
SGOT	22.1	U/L	5 - 40	UV without P5P

*** End Of Report ***

CHARAK



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MC-2491

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