

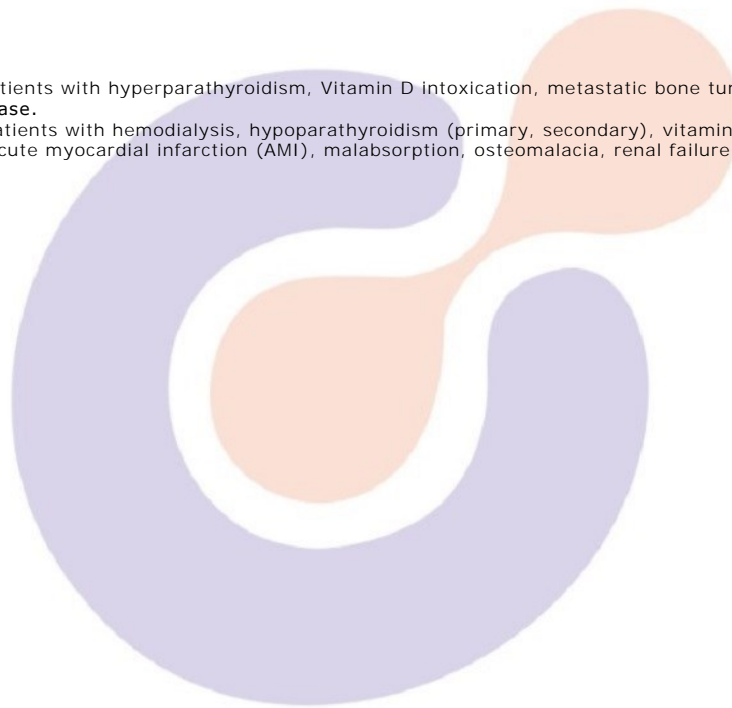
Patient Name : Ms.SHAMA	Visit No : CHA250044796
Age/Gender : 27 Y/F	Registration ON : 12/Mar/2025 05: 24PM
<b>Lab No : 10142091</b>	Sample Collected ON : 12/Mar/2025 05: 29PM
Referred By : Dr.MOHD ISHAQ	Sample Received ON : 12/Mar/2025 05: 35PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 12/Mar/2025 06: 49PM
Doctor Advice : RANDOM,T3T4TSH,TYPHOID IGG& IGM,RF FACTOR,URIC ACID,IONIC CALCIUM,CALCIUM,CREATININE,UREA,LFT,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>IONIC CALCIUM</b>				
IONIC CALCIUM	1.16	mmol/L	1.13 - 1.33	

**INTERPRETATION:**

-Calcium level is increased in patients with hyperparathyroidism, Vitamin D intoxication, metastatic bone tumor, milk-alkali syndrome, multiple myeloma, Paget's disease.  
-Calcium level is decreased in patients with hemodialysis, hypoparathyroidism (primary, secondary), vitamin D deficiency, acute pancreatitis, diabetic Keto-acidosis, sepsis, acute myocardial infarction (AMI), malabsorption, osteomalacia, renal failure, rickets.



**CHARAK**

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PATHOLOGIST

DR. SHADABKHAN  
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Dr. SYED SAIF AHMAD  
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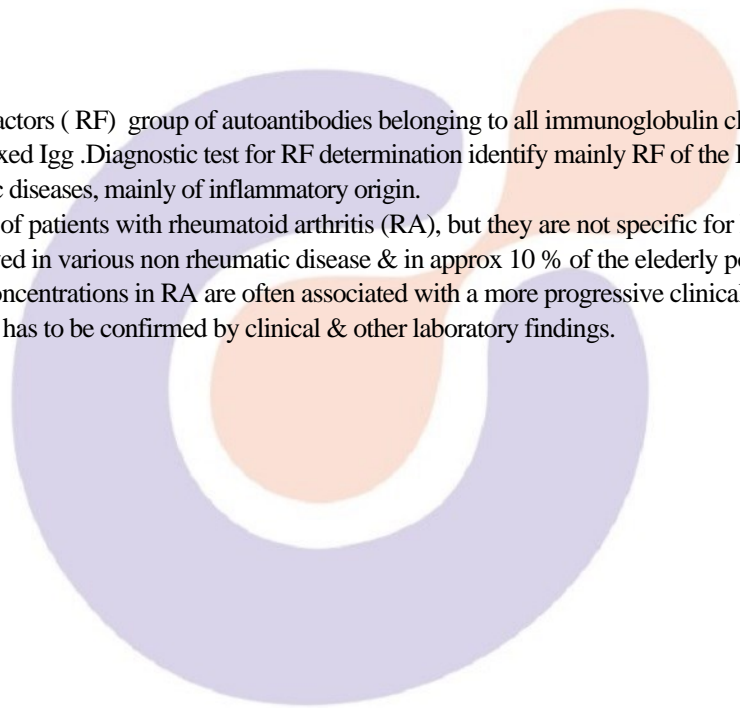
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>RF FACTOR</b>				
RHEUMATOID FACTOR	5.60	IU/ml	0 - 14	

**SUMMARY :** Rheumatoid factors ( RF) group of autoantibodies belonging to all immunoglobulin classes directed against the FC fragment of altered or complexed Igg .Diagnostic test for RF determination identify mainly RF of the IgM class which are detectable in several rheumatic diseases, mainly of inflammatory origin.

RF occur in approx 70 -80 % of patients with rheumatoid arthritis (RA), but they are not specific for RA as elevated concentrations are also observed in various non rheumatic disease & in approx 10 % of the elderly population without clinical symptoms of RA. High RF concentrations in RA are often associated with a more progressive clinical course of the disease .However,a positive RF value has to be confirmed by clinical & other laboratory findings.



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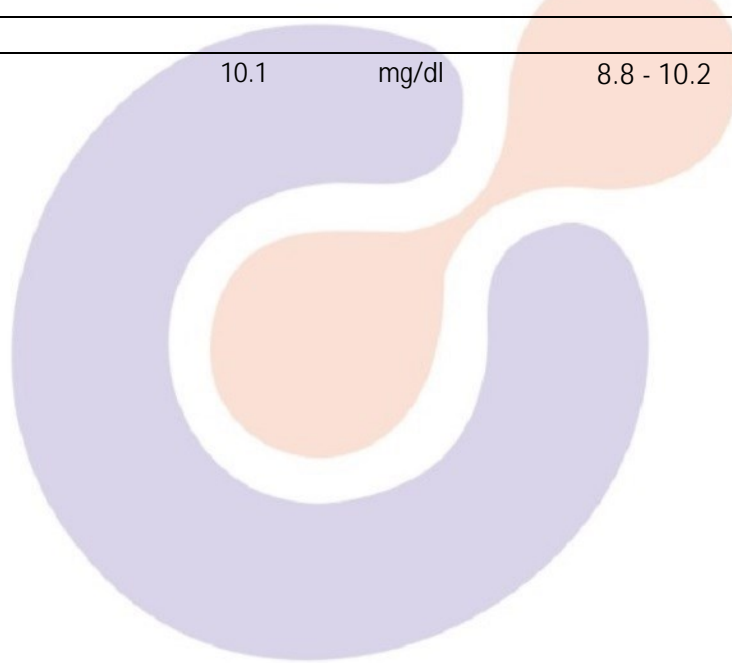
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>URIC ACID</b>				
Sample Type : SERUM				
SERUM URIC ACID	5.0	mg/dL	2.40 - 5.70	Uricase,Colorimetric
<b>SERUM CALCIUM</b>				
CALCIUM	10.1	mg/dl	8.8 - 10.2	dapta / arsenazo III



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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>TYPHOID IGG&amp; IGM</b>				
TYPHOID IgG	Negative		NEGATIVE	
TYPHOID IGM	Negative		NEGATIVE	



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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	10.7	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.30	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	35.9	%	36 - 45	Pulse height detection
MCV	84.1	fL	80 - 96	calculated
MCH	25.1	pg	27 - 33	Calculated
MCHC	29.8	g/dL	30 - 36	Calculated
RDW	12.4	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	6880	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	75	%	40 - 75	Flowcytometry
LYMPHOCYTES	19	%	25 - 45	Flowcytometry
EOSINOPHIL	2	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	254,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	254000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	5,160	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,307	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	138	/cmm	20-500	Calculated
Absolute Monocytes Count	275	/cmm	200-1000	Calculated
Mentzer Index	20			
Peripheral Blood Picture	:			

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



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*Shadab Khan*

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	99.9	mg/dl	70 - 170	Hexokinase
<b>BLOOD UREA</b>				
BLOOD UREA	33.40	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	0.80	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
<b>LIVER FUNCTION TEST</b>				
TOTAL BILIRUBIN	0.50	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED ( D. Bilirubin)	0.20	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED ( I.D. Bilirubin)	0.30	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	<b>158.00</b>	U/L	30 - 120	PNPP, AMP Buffer
SGPT	<b>54.2</b>	U/L	5 - 40	UV without P5P
SGOT	28.1	U/L	5 - 40	UV without P5P

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

CHARAK



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MC-2491

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*Signature*

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