

Patient Name : Ms.SHYAMA	Visit No : CHA250041004
Age/Gender : 30 Y/F	Registration ON : 07/Mar/2025 10:04AM
<b>Lab No : 10138299</b>	Sample Collected ON : 07/Mar/2025 10:07AM
Referred By : Dr.ANAND SINGH	Sample Received ON : 07/Mar/2025 10:13AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 07/Mar/2025 11:39AM
Doctor Advice : 25 OH vit. D, IONIC CALCIUM, CALCIUM, CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>IONIC CALCIUM</b>				
IONIC CALCIUM	1.20	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.

<b>SERUM CALCIUM</b>				
CALCIUM	9.9	mg/dl	8.8 - 10.2	dapta / arsenazo III

<b>25 OH vit. D</b>				
25 Hydroxy Vitamin D	47.63	ng/ml		ECLIA
Deficiency < 10				
Insufficiency 10 - 30				
Sufficiency 30 - 100				
Toxicity > 100				

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

**CHARAK**

[Checked By]

Print.Date/Time: 07-03-2025 12:25:39

\*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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Age/Gender : 30 Y/F	Registration ON : 07/Mar/2025 10:04AM
<b>Lab No : 10138299</b>	Sample Collected ON : 07/Mar/2025 10:07AM
Referred By : Dr.ANAND SINGH	Sample Received ON : 07/Mar/2025 10:12AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 07/Mar/2025 11:39AM
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	13.4	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.50	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	42.5	%	36 - 45	Pulse hieght detection
MCV	94.2	fL	80 - 96	calculated
MCH	29.7	pg	27 - 33	Calculated
MCHC	31.5	g/dL	30 - 36	Calculated
RDW	<b>15.7</b>	%	11 - 15	RBC histogram derivation
RETIC	0.7 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	6240	/cmm	4000 - 10000	Flocytrometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	46	%	40 - 75	Flowcytometry
LYMPHOCYTES	<b>46</b>	%	25 - 45	Flowcytometry
EOSINOPHIL	4	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	<b>0</b>	%	00 - 01	Flowcytometry
PLATELET COUNT	333,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	333000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	2,870	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,870	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	250	/cmm	20-500	Calculated
Absolute Monocytes Count	250	/cmm	200-1000	Calculated
Mentzer Index	21			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic with anisocytosis+. WBCs show reactive lymphocytes. Platelets are adequate. No immature cells or parasite seen.

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



[Checked By]



*Sham*

DR. NISHANT SHARMA  
PATHOLOGIST

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MD (MICROBIOLOGY)