

Patient Name : Mr. BABU LAL	Visit No : CHA250039000
Age/Gender : 75 Y/M	Registration ON : 04/Mar/2025 01: 50PM
<b>Lab No : 10136295</b>	Sample Collected ON : 04/Mar/2025 01: 51PM
Referred By : Dr. RAM PRAKASH SHARMA	Sample Received ON : 04/Mar/2025 01: 51PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 04/Mar/2025 04: 04PM
Doctor Advice : RANDOM, URINE COM. EXAMINATION, CREATININE, CALCIUM, PHOS, NA+K+, CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>SERUM CALCIUM</b>				
CALCIUM	8.9	mg/dl	8.8 - 10.2	dapta / arsenazo III

<b>PHOSPHORUS</b>				
Phosphorus Serum	3.30	mg/dl	2.68 - 4.5	Phosphomolybdate

**INTERPRETATION:**

-Approximately 80% of the phosphorus in the human body is found in the calcium phosphate salts which make up the inorganic substance of bone. The remainder is involved in the esterification of carbohydrate metabolism intermediaries and is also found as component of phospholipids. Phosphoproteins, nucleic acids and nucleotides.  
-Hypophosphatemia can be caused by shift of phosphate from extracellular to intracellular spaces, increased renal loss (renal tubular defects, hyperparathyroidism) or gastrointestinal loss (diarrhea, vomiting) and decreased intestinal absorption.

**LIMITATIONS:**

-Interferences: bilirubin (up to 20 mg/dL) hemolysis (haemoglobin up to 1000 mg/dL) and lipemia (triglycerides up to 1000 mg/dL) do not interface. Other drugs and substances may interface.  
-Clinical diagnosis should no be made on the findings of a single test result, but should integrate both clinical laboratory data.

**URINE EXAMINATION REPORT**

Colour-U	STRAW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	<b>1.010</b>		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	30 mg/dl	mg/dl	ABSENT	Dipstick
Glucose	Absent		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	Occasional	/hpf	< 5/hpf
Epithelial Cells	Occasional	/hpf	0 - 5
RBC / hpf	Nil		< 3/hpf

[Checked By]



Print.Date/Time: 04-03-2025 16:40:31

\*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

*Dr. Aditi D Agarwal*  
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Referred By : Dr. RAM PRAKASH SHARMA Sample Received ON : 04/Mar/2025 02: 00PM  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 04/Mar/2025 03: 31PM  
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	14.1	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.50	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	45.0	%	36 - 45	Pulse hieght detection
MCV	<b>99.8</b>	fL	80 - 96	calculated
MCH	31.3	pg	27 - 33	Calculated
MCHC	31.3	g/dL	30 - 36	Calculated
RDW	14	%	11 - 15	RBC histogram derivation
RETIC	0.5 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	<b>11020</b>	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	68	%	40 - 75	Flowcytometry
LYMPHOCYTES	28	%	25 - 45	Flowcytometry
EOSINOPHIL	1	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	<b>0</b>	%	00 - 01	Flowcytometry
PLATELET COUNT	217,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	217000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	<b>7,494</b>	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	3,086	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	110	/cmm	20-500	Calculated
Absolute Monocytes Count	331	/cmm	200-1000	Calculated
Mentzer Index	22			
Peripheral Blood Picture	:			

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



[Checked By]



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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	<b>194.9</b>	mg/dl	70 - 170	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.6	MEq/L	3.5 - 5.5	ISE Direct
<b>SERUM CREATININE</b>				
CREATININE	<b>1.50</b>	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

FINDING CHECKED TWICE, PLEASE CORRELATE CLINICALLY

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

CHARAK



[Checked By]



MC-2491

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