

TEST REPORT

PATIENT INFORMATION	SAMPLE & REPORT DETAILS
Patient ID: SAM250531001	Invoice No: INV-0001
Patient Name: Rajesh Sharma	Reported On: 31-05-2026 08:15
Age / Sex: 42 Y / Male	Collected On: 31-05-2026 07:40
Referred By: Dr. Sharma	Received On: 31-05-2026 08:05
Mobile: +91 98765 43210	INV-0001

CONSOLIDATED TEST REPORT

DEPARTMENT HAEMATOLOGY					
Instrument: Sysmex XN-550, Manual					
Parameter	Observed Value		Unit	Biological Reference Interval	
Haemoglobin	11.8	↓	g/dL	13.0 - 17.0	● Low
RESULT HISTORY					
14-05-26 12.0 g/dL	14-04-26 12.2 g/dL	14-03-26 12.4 g/dL	14-02-26 12.6 g/dL	14-01-26 12.9 g/dL	14-12-25 13.1 g/dL
RBC Count	4.42	↓	10 ⁶ /μL	4.5 - 5.5	● Low
PCV (Haematocrit)	38.4	↓	%	40 - 50	● Low
MCV	86.9		fL	83 - 101	● Normal
MCH	26.7	↓	pg	27 - 32	● Low
MCHC	30.7	↓	g/dL	31.5 - 34.5	● Low
WBC Count	7.20		10 ³ /μL	4.0 - 11.0	● Normal
DIFFERENTIAL COUNT (DLC)					
Neutrophils	57.2		%	40 - 75	● Normal
Lymphocytes	38.1		%	20 - 40	● Borderline
Monocytes	3.4		%	2 - 10	● Normal
Eosinophils	1.1		%	1 - 6	● Borderline
Basophils	0.2		%	0 - 2	● Borderline
Platelet Count	4.55	↑	10 ⁵ /μL	1.50 - 4.50	● High
ESR	28	↑	mm/hr	0 - 15	● High

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DEPARTMENT BIOCHEMISTRY				
Instrument: Erba XL-640				
Parameter	Observed Value	Unit	Biological Reference Interval	
Bilirubin (Total)	1.42 ↑	mg/dL	0.20 - 1.20	● High
Bilirubin (Direct)	0.38	mg/dL	0.00 - 0.40	● Borderline
Bilirubin (Indirect)	1.04 ↑	mg/dL	0.20 - 0.80	● High
SGPT (ALT)	68 ↑	U/L	10 - 49	● High
SGOT (AST)	44	U/L	10 - 46	● Borderline
Alkaline Phosphatase	96	U/L	46 - 116	● Normal
Total Protein	7.10	g/dL	6.30 - 8.20	● Normal
Albumin	4.20	g/dL	3.50 - 5.00	● Normal
Globulin	2.90	g/dL	2.00 - 3.50	● Normal
A / G Ratio	1.45		1.00 - 2.10	● Normal

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DEPARTMENT CLINICAL PATHOLOGY			
Instrument: Manual			
Parameter	Observed Value	Unit	Biological Reference Interval
Colour	Pale Yellow		Pale Yellow ● Normal
Appearance	Clear		Clear ● Normal
pH	6.0		5.0 - 8.0 ● Normal
Specific Gravity	1.015		1.005 - 1.030 ● Normal
Protein	Absent		Absent ● Normal
Glucose	Absent	mg/dL	Absent ● Normal
Pus Cells (WBC)	2 - 3	/HPF	0 - 5 ● Normal
Epithelial Cells	1 - 2	/HPF	0 - 5 ● Normal
RBCs	Nil	/HPF	0 - 2 ● Normal

 **RESULT SUMMARY**
5 of 33 parameters are outside the reference range — please review the highlighted results.

GENERAL INFORMATION & CLINICAL INTERPRETATION
5 of 33 parameter(s) are outside the reference range. Each one is commented under its own test above.
Laboratory guidance only — please read with the clinical picture. Clinical correlation is advised.

Entered By Suresh Kumar DMLT Medical Lab Technologist	Verified By Dr. Anjali Verma MD (Pathology) Consultant Pathologist Reg. No.: MCI-12345	SamLab Diagnostics Committed to Quality. Committed to You.	For Reports & Queries +91 00000 00000 www.samlab.com
--- End of Report --- Disclaimer: Results relate only to the sample tested.			