

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						
EXAMINATION		RESULT		UNIT	NORMAL VALUES	
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				
EXAMINATION	RESULT	UNIT	NORMAL VALUES	
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				
EXAMINATION	RESULT	UNIT	NORMAL VALUES	
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.

DESCRIPTION TEXTS
Based on the results above, 10 values fall outside the stated reference range — 5 below the normal range and 5 above the normal range.
1. Haemoglobin decreased by 1.2 from the lower normal limit.
2. RBC Count decreased by 0.08 from the lower normal limit.
3. PCV (Haematocrit) decreased by 1.6 from the lower normal limit.
4. MCH decreased by 0.3 from the lower normal limit.
5. MCHC decreased by 0.8 from the lower normal limit.
6. Platelet Count increased by 0.05 from the upper normal limit.
7. ESR increased by 13 from the upper normal limit.
8. Bilirubin (Total) increased by 0.22 from the upper normal limit.
9. Bilirubin (Indirect) increased by 0.24 from the upper normal limit.
10. SGPT (ALT) increased by 19 from the upper normal limit.

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
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--- End of Report ---

Disclaimer:
Results relate only to the sample tested.