



Address: 123 Health Street, City Phone: +91 00000 00000 Email: info@samlab.com Web: www.samlab.com

NABL Accredited Laboratory · Certificate No. 12345 · Scope: Clinical Pathology, Haematology & Biochemistry

PATIENT INFORMATION

Patient ID : SAM250531001
Patient Name : Rajesh Sharma
Age / Sex : 42 Y / Male
Referred By : Dr. Sharma
Mobile : +91 98765 43210

SAMPLE & REPORT DETAILS

ULR No : MC-12345/2026/INV-0001
Invoice No : INV-0001
Reported On : 31-05-2026 08:15
Collected On : 31-05-2026 07:40
Received On : 31-05-2026 08:05

CONSOLIDATED TEST REPORT

DEPARTMENT HAEMATOLOGY

Instrument: Sysmex XN-550, Manual

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	STATUS
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

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	STATUS
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

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	STATUS
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 parameter(s) are outside the reference range.

TREND ANALYSIS

Haemoglobin



HEALTH TIPS

- Stay Hydrated
- Exercise
- Eat Balanced
- Sleep Well

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

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Medical Lab Technologist

Verified By

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--- End of Report ---

Disclaimer:

Results relate only to the sample tested.

The results relate only to the sample(s) tested. This report shall not be reproduced except in full, without the written approval of the laboratory.

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