



HAEMATOLOGY

PATIENT DETAILS

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

SAMPLE DETAILS

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
Sample Type : EDTA Whole Blood, Serum, Urine

TEST RESULTS

Instrument: Sysmex XN-550, Manual

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	FLAG
Haemoglobin	11.8 ↓	g/dL	13.0 - 17.0	L
RBC Count	4.42 ↓	10 ⁶ /μL	4.5 - 5.5	L
PCV (Haematocrit)	38.4 ↓	%	40 - 50	L
MCV	86.9	fL	83 - 101	N
MCH	26.7 ↓	pg	27 - 32	L
MCHC	30.7 ↓	g/dL	31.5 - 34.5	L
WBC Count	7.20	10 ³ /μL	4.0 - 11.0	N
DIFFERENTIAL COUNT (DLC)				
Neutrophils	57.2	%	40 - 75	N
Lymphocytes	38.1	%	20 - 40	B
Monocytes	3.4	%	2 - 10	N
Eosinophils	1.1	%	1 - 6	B
Basophils	0.2	%	0 - 2	B
Platelet Count	4.55 ↑	10 ⁵ /μL	1.50 - 4.50	H
ESR	28 ↑	mm/hr	0 - 15	H

Differential count





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TEST RESULTS

Instrument: Erba XL-640

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	FLAG
Bilirubin (Total)	1.42 ↑	mg/dL	0.20 - 1.20	H
Bilirubin (Direct)	0.38	mg/dL	0.00 - 0.40	B
Bilirubin (Indirect)	1.04 ↑	mg/dL	0.20 - 0.80	H
SGPT (ALT)	68 ↑	U/L	10 - 49	H
SGOT (AST)	44	U/L	10 - 46	B
Alkaline Phosphatase	96	U/L	46 - 116	N
Total Protein	7.10	g/dL	6.30 - 8.20	N
Albumin	4.20	g/dL	3.50 - 5.00	N
Globulin	2.90	g/dL	2.00 - 3.50	N
A / G Ratio	1.45		1.00 - 2.10	N



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TEST RESULTS

Instrument: Manual

TEST PARAMETER	RESULT	UNIT	REFERENCE RANGE	FLAG
Colour	Pale Yellow		Pale Yellow	N
Appearance	Clear		Clear	N
pH	6.0		5.0 - 8.0	N
Specific Gravity	1.015		1.005 - 1.030	N
Protein	Absent		Absent	N
Glucose	Absent	mg/dL	Absent	N
Pus Cells (WBC)	2 - 3	/HPF	0 - 5	N
Epithelial Cells	1 - 2	/HPF	0 - 5	N
RBCs	Nil	/HPF	0 - 2	N

TREND GRAPH

Haemoglobin



HISTORY COMPARISON

DATE	Hb
14-Jan-26	12.9
14-Feb-26	12.6
14-Mar-26	12.4
14-Apr-26	12.2
14-May-26	12.0

Differential count



- Neutrophils 57.20%
- Lymphocytes 38.10%
- Monocytes 3.40%
- Eosinophils 1.10%
- Basophils 0.20%

RESULT SUMMARY

5 of 33 parameter(s) are outside the reference range — the affected results are highlighted above.

MEDICAL INTERPRETATION

5 of 33 parameter(s) are outside the reference range. Each one is commented under its own test above.

RECOMMENDATIONS

Correlate clinically.
Discuss these results with your physician.
Repeat testing if clinically indicated.



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Entered By

Suresh Kumar

DMLT
Medical Lab Technologist

Verified By

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Disclaimer:

Results relate only to the sample tested.

N: Normal L: Low H: High LL: Critically Low HH: Critically High