

TEST REPORT

Patient ID:	SAM250531001	Invoice No:	INV-0001
Patient Name:	Rajesh Sharma	Report Printed On:	31-May-2026 09:05 AM
Age / Sex:	42 Y / Male	Registered On:	31-05-2026 08:15
Referred By:	Dr. Sharma	Collected On:	31-05-2026 07:40
Mobile:	+91 12345 67890	Received On:	31-05-2026 08:05
INV-0001			

HAEMATOLOGY

Complete Blood Count (CBC)

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
RECOMMENDATION					
Haemoglobin: Repeat after four weeks of supplementation.					

NOTES : Lymphocytosis, RBC Abnormal distribution, Anemia

BIOCHEMISTRY

Liver Function Test (LFT)

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

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Parameter	Observed Value	Unit	Biological Reference Interval
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

CLINICAL PATHOLOGY

Urine Routine Examination

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

GENERAL INFORMATION

6 of 33 parameter(s) are outside the reference range. Each one is commented under its own test above. On this report: Haemoglobin is below the usual range; Platelet Count, ESR, Bilirubin (Total) and SGPT (ALT) are above it.

Complete Blood Count (CBC): A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

Liver Function Test (LFT): A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

Urine Routine Examination: A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

Laboratory guidance only — please read with the clinical picture. Clinical correlation is advised.

RESULT SUMMARY : 6 of 33 parameters are outside the reference range — please review the highlighted results.

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Entered By	Verified By
Suresh Kumar DMLT Medical Lab Technologist	Dr. Anjali Verma MD (Pathology) Consultant Pathologist Reg. No.: MCI-12345
--- End of Report ---	

Disclaimer:
Results relate only to the sample tested.