

LABORATORY REPORT

ISO 15189
ML-2291ISO
9001:2015

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

Complete Blood Count (CBC) Instrument: Sysmex XN-550, Manual

HAEMATOLOGY

Test Parameter	Result	Unit	Reference Range	Flag	Method
RBC INDICES					
Haemoglobin	11.8 ↓	g/dL	13.0 - 17.0	● Low	Automated (Impedance / Flo
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	Automated (Impedance / Flo
PCV (Haematocrit)	38.4 ↓	%	40 - 50	● Low	Automated (Impedance / Flo
MCV	86.9 ●	fL	83 - 101	● Normal	Automated (Impedance / Flo
MCH	26.7 ↓	pg	27 - 32	● Low	Automated (Impedance / Flo
MCHC	30.7 ↓	g/dL	31.5 - 34.5	● Low	Automated (Impedance / Flo
WBC Count	7.20 ●	10 ³ /μL	4.0 - 11.0	● Normal	Automated (Impedance / Flo
DIFFERENTIAL COUNT (DLC)					
Neutrophils	57.2 ●	%	40 - 75	● Normal	3-part (Impedance)
Lymphocytes	38.1 ●	%	20 - 40	● Borderline	3-part (Impedance)
Monocytes	3.4 ●	%	2 - 10	● Normal	3-part (Impedance)
Eosinophils	1.1 ●	%	1 - 6	● Borderline	3-part (Impedance)
Basophils	0.2 ●	%	0 - 2	● Borderline	3-part (Impedance)
PLATELET PARAMETERS					
Platelet Count	4.55 ↑	10 ⁵ /μL	1.50 - 4.50	● High	Automated (Impedance / Flo
ESR	28 ↑	mm/hr	0 - 15	● High	
RECOMMENDATION					
Haemoglobin: Repeat after four weeks of supplementation.					

NOTES : Lymphocytosis, RBC Abnormal distribution, Anemia

Liver Function Test (LFT) Instrument: Erba XL-640

BIOCHEMISTRY

Test Parameter	Result	Unit	Reference Range	Flag
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

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Urine Routine Examination Instrument: Manual

CLINICAL PATHOLOGY

Test Parameter	Result	Unit	Reference Range	Flag
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 Interpretation Guide

↑ High (Above Reference Range)

● Normal (Within Reference Range)

↓ Low (Below Reference Range)

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.