

PATIENT INFORMATION		SAMPLE & REPORT DETAILS	
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	

CONSOLIDATED TEST REPORT

HAEMATOLOGY

Complete Blood Count (CBC)

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
RECOMMENDATION				
Haemoglobin: Repeat after four weeks of supplementation.				

NOTES : Lymphocytosis, RBC Abnormal distribution, Anemia

BIOCHEMISTRY

Liver Function Test (LFT)

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

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EXAMINATION	RESULT	UNIT	NORMAL VALUES	
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

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

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.

DESCRIPTION TEXTS

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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	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.