

PATIENT INFORMATION

Patient ID: SAM250531001
Patient Name: Rajesh Sharma
Age / Sex: 42 Y / Male
Referred By: Dr. Sharma
Mobile: +91 12345 67890

SAMPLE & REPORT DETAILS

Invoice No: INV-0001
Report Printed On: 31-May-2026 09:05 AM
Registered On: 31-05-2026 08:15
Collected On: 31-05-2026 07:40
Received On: 31-05-2026 08:05



CONSOLIDATED TEST REPORT

HAEMATOLOGY

Complete Blood Count (CBC)

Instrument: Sysmex XN-550, Manual

Test Name	Results	Units	Ref. Range	Flag	Method
Haemoglobin	11.8 ↓	g/dL	13.0 - 17.0	● Low	Automated (Impedance / Flow)
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 / Flow)
PCV (Haematocrit)	38.4 ↓	%	40 - 50	● Low	Automated (Impedance / Flow)
MCV	86.9	fL	83 - 101	● Normal	Automated (Impedance / Flow)
MCH	26.7 ↓	pg	27 - 32	● Low	Automated (Impedance / Flow)
MCHC	30.7 ↓	g/dL	31.5 - 34.5	● Low	Automated (Impedance / Flow)
WBC Count	7.20	10 ³ /μL	4.0 - 11.0	● Normal	Automated (Impedance / Flow)
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 Count	4.55 ↑	10 ⁵ /μL	1.50 - 4.50	● High	Automated (Impedance / Flow)
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

Test Name	Results	Units	Ref. 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

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Test Name	Results	Units	Ref. Range	Flag
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

Test Name	Results	Units	Ref. 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

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.

Address: 123 Health Street, City

Phone: +91 00000 00000 Email: info@samlablis.com Web: www.samlablis.com

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INV-0001

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.