SamLab Diagnostics

Accurate · Reliable · Trusted

ISO 15189 ML-2291 | ISO 9001:2015

LABORATORY REPORT

PROVISIONAL

RS

PATIENT

Rajesh Sharma

Patient ID	Age / Sex	Referred By
SAM250531001	42 Y / Male	Dr. Sharma

Mobile
+91 12345 67890

Invoice No
INV-0001

Report Printed On	Registered On	Collected On
31-May-2026 09:05 AM	31-05-2026 08:15	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	POSITION IN RANGE	PREVIOUS · 14 MAY	FLAG
Haemoglobin	▼ 11.8	g/dL	13.0 - 17.0		12.0 ▼ 0.2	▼ Low

RESULT HISTORY

14-05-26	14-04-26	14-03-26	14-02-26	14-01-26	14-12-25
12.0 g/dL	12.2 g/dL	12.4 g/dL	12.6 g/dL	12.9 g/dL	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

▲ High · ▼ Low · ● Normal · Results relate only to the sample received · This is a computer generated report. · Report Generated by SamLab™ Software

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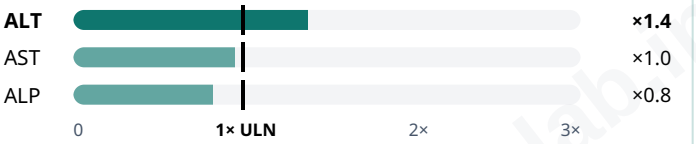
Received On: 31-05-2026 08:05

LIVER FUNCTION TEST (LFT)

Instrument: Erba XL-640 | BIOCHEMISTRY

TEST PARAMETER	RESULT	UNIT	REFERENCE	POSITION IN RANGE	PREVIOUS · 14 MAY	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
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

ENZYMES × UPPER LIMIT OF NORMAL



INJURY PATTERN · R RATIO

R = 1.68 · Cholestatic



Cholestatic <= 2 | Mixed 2 - 5 | Hepatocellular >= 5

R = (ALT ÷ ULN) ÷ (ALP ÷ ULN), ULN from this report

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URINE ROUTINE EXAMINATION

Instrument: Manual

CLINICAL PATHOLOGY

TEST PARAMETER	RESULT	UNIT	REFERENCE	POSITION IN RANGE	PREVIOUS · 14 MAY	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.

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Entered By

Suresh Kumar
DMLT
Medical Lab Technologist

Verified By

Dr. Anjali Verma
MD (Pathology)
Consultant Pathologist
Reg. No.: MCI-12345

--- End of Report ---

Disclaimer:
Results relate only to the sample tested.

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