SamLab Diagnostics
123 Health Street, City
Cell : +91 00000 00000
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LABORATORY REPORT

ISO 15189 ML-2291 | ISO 9001:2015

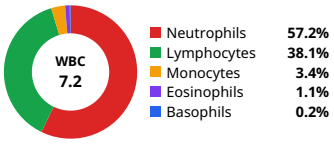
UHID	: SAM250531001
Name	: **Rajesh Sharma**
Age/Sex	: 42 Y / Male
Ref By	: Dr. Sharma
Mobile No.	: +91 12345 67890
Invoice No	: INV-0001
Printed On	: 31-May-2026 09:05 AM
Reg On	: 31-05-2026 08:15
Collected	: 31-05-2026 07:40
Received On:	31-05-2026 08:05

Complete Blood Count (CBC) — HAEMATOLOGY

Instrument: Sysmex XN-550, Manual

Test Parameter	Result	Unit	Reference Range	Status
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

Differential Count · derived



Analyzer Flags

Lymphocytosis, RBC Abnormal distribution, Anemia

Method : Automated (Impedance / Flow) · 3-part (Impedance)

RECOMMENDATION

Haemoglobin: *Repeat after four weeks of supplementation.*

Liver Function Test (LFT) — BIOCHEMISTRY

Instrument: Erba XL-640

Test Parameter	Result	Unit	Reference Range	Status
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

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Test Parameter	Result	Unit	Reference Range	Status
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

Test Parameter	Result	Unit	Reference Range	Status
Urine Routine Examination *Instrument: Manual* — CLINICAL PATHOLOGY				
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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