

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		

Test Parameter	Result	Unit	Reference Range	Status
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Complete Blood Count (CBC) *Instrument: Sysmex XN-550, Manual*

HAEMATOLOGY

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.

Test Parameter	Result	Unit	Reference Range	Status
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Liver Function Test (LFT)

Instrument: Erba XL-640

BIOCHEMISTRY

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
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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.