

Pat. Name : Satyam Singh  
Age : 24Y / Sex : Male  
Ref. By : Self  
Comp.Name : Self



Reg. No : OSP-2026-0438  
Col. Date : 16-06-2026  
Rpt. Date : 16-06-2026

Test	-	Result	Unit	Normal Range
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## HAEMATOLOGY

### COMPLETE BLOOD COUNT (CBC)

Total WBC Count	▲	11.4	10 <sup>3</sup> /ul	4-10
<b>RBC INDICES</b>				
RBC Count	▼	2.14	mil/cu.mm	3.5-5.5
Haemoglobin	▼	9.1	gm/dL	12-15
Platelet Count		1.54	10 <sup>6</sup> /ul	1.50-4.50
Hematocrit (HCT)	▼	27.4	%	37-46
Mean Corp Volume (MCV)	▲	128.04		83-101
Mean Corp Hb (MCH)	▲	42.52	pg	27-32
Mean Corp Hb Conc (MCHC)		33.21	gm/dL	31.5-34.5
RDW-CV	▲	19.4	%	11.0-17.0
PCT		0.13	%	0.10-0.35

### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		59	%	40-70
Lymphocytes		32		20-40
Monocytes		07	%	2-10
Eosinophils		02	%	1-6
Basophils		00	%	0-1

### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		6.73	10 <sup>3</sup> /ul	2-7
Absolute Lymphocyte Count	▲	3.65		1-3
Absolute Eosinophil Count		0.23	10 <sup>3</sup> /ul	0.2-0.5
Absolute Monocyte Count		0.80		0.1-1
Absolute Basophils Count		0.00	10 <sup>3</sup> /ul	0-0.1

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

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Vishal Prakash  
Dr. Vishal Prakash  
MBBS, DCP

Consultant Pathologist

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### BIOCHEMISTRY

#### Liver Function Test (LFT)

Total Bilirubin	▲	1.40	mg/dl	0.2-1.3
Direct Bilirubin	▲	0.57	mg/dl	0.0-0.4
Indirect Bilirubin	▲	0.83	mg/dl	0.2-0.7
Alkaline Phosphatase		184.2	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	▲	55.6	U/L	5-35
Aspartate Transaminase (SGOT/AST)	▲	42.8	U/L	8-40
SGOT/SGPT Ratio		0.77	Ratio	0-5
Total Protein		6.8	g/dl	6-8
Albumin		4.02	gm/dl	3.5-5.5
Globulin		2.78	g/dl	2.3-3.6
A/G Ratio		1.45		1.0-2.3

#### Comment

The Liver Function Test (LFT) is a group of blood tests used to assess the health and functioning of the liver. It measures different enzymes, proteins, and substances such as SGOT (AST), SGPT (ALT), ALP, bilirubin, albumin, and total protein. These tests help in diagnosing liver diseases like hepatitis, fatty liver, jaundice, liver infection, and liver damage caused by alcohol or medicines. Abnormal LFT values may indicate inflammation, blockage of bile ducts, or impaired liver function. LFT is also used to monitor the progress of liver disease and response to treatment.

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### BIOCHEMISTRY

#### Kidney Function Test(KFT)

Blood Urea		34.1	mg/dl	10 - 45
BUN-Blood Urea Nitrogen		15.92	mg/dl	6.0 - 20.0
Serum Creatinine		0.9	mg/dl	0.4-1.20
Uric Acid		6.62	mg/dl	2.5 - 7.2
Serum Sodium		136.4	mmol/l	135 - 150
Serum Potassium		3.71	mmol/l	3.5 - 5.0
Serum Chloride		99.0	mmol /L	98 - 110
Calcium (Ca++)		8.64	mg/dL	8.6-10.2

#### Comment

The Kidney Function Test (KFT) is a group of blood and urine tests used to evaluate how well the kidneys are working. It commonly includes tests such as serum creatinine, blood urea, uric acid, electrolytes, and eGFR. KFT helps in diagnosing kidney diseases, kidney infections, dehydration, and monitoring patients with diabetes or high blood pressure. Increased levels of urea and creatinine may indicate impaired kidney function. This test is important for assessing kidney health and monitoring the effectiveness of treatment.

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### BIOCHEMISTRY

#### Lipid Profile

TOTAL CHOLESTEROL	141.5	mg/dl	50-200
Serum Triglyceride	118.6	mg/dl	0-161
HDL Cholestrol	38.6	mg/dl	35-60
LDL Cholestrol	79.18	mg/dl	0-100
VLDL Cholestrol	23.72	mg/dl	5-40
LDL/HDL Ratio	2.05	mg/dl	0-3.55
HDL / LDL Ratio	0.49	Ratio	
Chol / HDL Ratio	3.67	mg/dl	0-4.97

#### Interpretation Table

Cholesterol	Desirable	Borderline	High/Very High...
Total Cholesterol	<200mg/dl	200-239mg/dl	>=250mg/dl
High-Density Lipoprotein(HDL)	>60mg/dl	40-60mg/dl	<35mg/dl
Low-Density Lipoprotein(LDL)	<100mg/dl	100-159mg/dl	>=160mg/dl
Very Low-Density Lipoprotein			
Triglycerides	<150mg/dl	150-199mg/dl	>200mg/dl/>500 mg/dl

Blood Sugar Random(BSR)	94.9	mg/dl	70-140
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### SEROLOGY

HIV I & II(SCREENING) NON-REACTIVE

**Comment**

Human Immunodeficiency Virus Infection I & II (Screening) is a blood test used to detect antibodies or antigens related to HIV infection. It helps in the early diagnosis of HIV-1 and HIV-2 infections, allowing timely treatment and prevention of further transmission. Screening tests are important for maintaining overall health and awareness.

HBsAg(SCREENING) Non-Reactive

**Comment**

HBsAg (Screening) is a blood test used to detect the presence of the hepatitis B surface antigen (HBsAg), a protein found on the surface of the Hepatitis B virus. It is commonly used to screen for hepatitis B infection. A positive HBsAg result indicates that a person is infected with hepatitis B and may be able to transmit the virus to others. This test is important for early diagnosis, monitoring, and preventing the spread of hepatitis B.

HCV (RAPID) Non-Reactive

**Comment**

HCV (Rapid) is a quick screening test used to detect antibodies against the Hepatitis C virus in a blood sample. It provides results within a short time and helps identify individuals who may have been exposed to hepatitis C. A positive result suggests possible infection and should be confirmed with additional laboratory tests to determine active infection and guide treatment.

\*\*\* End Of Report \*\*\*

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