

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



Reg. No : OSP-2026-0405  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
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### HAEMATOLOGY

#### COMPLETE BLOOD COUNT (CBC)

Total WBC Count		8.4	10 <sup>3</sup> /ul	4-10
<b>RBC INDICES</b>				
RBC Count		4.67	mil/cu.mm	3.5-5.5
Haemoglobin		13.3	gm/dL	12-15
Platelet Count	▼	<b>1.28</b>	10 <sup>6</sup> /ul	1.50-4.50
Hematocrit (HCT)		40.9	%	37-46
Mean Corp Volume (MCV)		87.58		83-101
Mean Corp Hb (MCH)		28.48	pg	27-32
Mean Corp Hb Conc (MCHC)		32.52	gm/dL	31.5-34.5
RDW-CV		13.5	%	11.0-17.0

#### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		61	%	40-70
Lymphocytes		30		20-40
Monocytes		07	%	2-10
Eosinophils		02	%	1-6
Basophils		00	%	0-1

#### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		5.12	10 <sup>3</sup> /ul	2-7
Absolute Lymphocyte Count		2.52		1-3
Absolute Eosinophil Count	▼	<b>0.17</b>	10 <sup>3</sup> /ul	0.2-0.5
Absolute Monocyte Count		0.59		0.1-1
Absolute Basophils Count		0.00	10 <sup>3</sup> /ul	0-0.1

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Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist

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### BIOCHEMISTRY

#### Kidney Function Test(KFT)

Blood Urea		31.0	mg/dl	10 - 45
BUN-Blood Urea Nitrogen		14.48	mg/dl	6.0 - 20.0
Serum Creatinine		0.80	mg/dl	0.4-1.20
Uric Acid		4.45	mg/dl	2.5 - 7.2
Serum Sodium		136.0	mmol/l	135 - 150
Serum Potassium		3.81	mmol/l	3.5 - 5.0
Serum Chloride		100.0	mmol /L	98 - 110
Calcium (Ca++)	▼	<b>8.5</b>	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

#### Liver Function Test (LFT)

Total Bilirubin	0.89	mg/dl	0.2-1.3
Direct Bilirubin	0.38	mg/dl	0.0-0.4
Indirect Bilirubin	0.51	mg/dl	0.2-0.7
Alkaline Phosphatase	101.7	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	23.5	U/L	5-35
Aspartate Transaminase (SGOT/AST)	32.9	U/L	8-40
SGOT/SGPT Ratio	1.40	Ratio	0-5
Total Protein	6.98	g/dl	6-8
Albumin	3.72	gm/dl	3.5-5.5
Globulin	3.26	g/dl	2.3-3.6
A/G Ratio	1.14		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.

SERUM AMYLASE	▲	145.8	U/l	25-90
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#### Comment

Serum Amylase is an enzyme found mainly in the pancreas and salivary glands that helps digest carbohydrates. A serum amylase test measures the amount of this enzyme in the blood and is commonly used to assess pancreatic health. Elevated serum amylase levels may indicate conditions such as pancreatitis, pancreatic injury, or salivary gland disorders, while low levels may be associated with certain pancreatic diseases. This test helps doctors diagnose and monitor disorders affecting the pancreas and digestive system.

#### Lipase

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Lipase	▲	271.6	IU/L	0-180

**Comment**

Serum Lipase is an enzyme produced mainly by the pancreas that helps the body digest fats. A serum lipase test measures the level of this enzyme in the blood and is commonly used to evaluate pancreatic function. Increased lipase levels may indicate conditions such as pancreatitis, pancreatic injury, or other digestive disorders. This test is often performed along with other investigations to help diagnose and monitor diseases affecting the pancreas.

**BIOCHEMISTRY**

**C-Reactive Protein (CRP Quantitative)**

CRP (Quantitative)	▲	13.2	mg/L	00 - 6.0
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**Comment**

C-Reactive Protein (CRP) is a protein produced by the liver in response to inflammation in the body. The level of CRP in the blood increases when there is an infection, injury, or inflammatory condition. A CRP test helps doctors detect and monitor inflammation associated with diseases such as arthritis, bacterial infections, and heart disease. Higher CRP levels generally indicate greater inflammation, but the test does not identify the exact cause.

**Lipid Profile**

TOTAL CHOLESTEROL	132.7	mg/dl	50-200
Serum Triglyceride	98.7	mg/dl	0-161
HDL Cholestrol	36.2	mg/dl	35-60
LDL Cholestrol	76.76	mg/dl	0-100
VLDL Cholestrol	19.74	mg/dl	5-40
LDL/HDL Ratio	2.12	mg/dl	0-3.55
HDL / LDL Ratio	0.47	Ratio	
Chol / HDL Ratio	3.67	mg/dl	0-4.97

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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

BIOCHEMISTRY

Blood Sugar Random(BSR) 84.6 mg/dl 70-140

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

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