

Pat. Name : Sohit Kumar  
Age : 19Y / Sex : Male  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0436  
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		7.3	10 <sup>3</sup> /ul	4-10
<b>RBC INDICES</b>				
RBC Count		4.34	mil/cu.mm	3.5-5.5
Haemoglobin		12.2	gm/dL	12-15
Platelet Count		2.13	10 <sup>6</sup> /ul	1.50-4.50
Hematocrit (HCT)		40.0	%	37-46
Mean Corp Volume (MCV)		92.17		83-101
Mean Corp Hb (MCH)		28.11	pg	27-32
Mean Corp Hb Conc (MCHC)	▼	<b>30.50</b>	gm/dL	31.5-34.5
RDW-CV		13.4	%	11.0-17.0
PCT		0.19	%	0.10-0.35

### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		65	%	40-70
Lymphocytes		28		20-40
Monocytes		05	%	2-10
Eosinophils		02	%	1-6
Basophils		00	%	0-1

### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		4.74	10 <sup>3</sup> /ul	2-7
Absolute Lymphocyte Count		2.04		1-3
Absolute Eosinophil Count	▼	<b>0.15</b>	10 <sup>3</sup> /ul	0.2-0.5
Absolute Monocyte Count		0.36		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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MBBS,DCP

Consultant Pathologist

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### BIOCHEMISTRY

#### Liver Function Test (LFT)

Total Bilirubin	▲	2.20	mg/dl	0.2-1.3
Direct Bilirubin	▲	1.08	mg/dl	0.0-0.4
Indirect Bilirubin	▲	1.12	mg/dl	0.2-0.7
Alkaline Phosphatase		173.4	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	▲	53.4	U/L	5-35
Aspartate Transaminase (SGOT/AST)	▲	44.9	U/L	8-40
SGOT/SGPT Ratio		0.84	Ratio	0-5
Total Protein		6.1	g/dl	6-8
Albumin		3.61	gm/dl	3.5-5.5
Globulin		2.49	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		32.6	mg/dl	10 - 45
BUN-Blood Urea Nitrogen		15.22	mg/dl	6.0 - 20.0
Serum Creatinine		0.8	mg/dl	0.4-1.20
Uric Acid		3.92	mg/dl	2.5 - 7.2
Serum Sodium		136.2	mmol/l	135 - 150
Serum Potassium		3.60	mmol/l	3.5 - 5.0
Serum Chloride		101.0	mmol /L	98 - 110
Calcium (Ca++)		8.71	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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### IMMUNOLOGY

#### TSH (Thyroid Stimulating Hormone)

TSH	-	1.953	uIU/mL	0.40 - 4.20
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#### Comment

The Thyroid Stimulating Hormone (TSH) test is a blood test used to evaluate the function of the thyroid gland. TSH is produced by the pituitary gland and helps regulate the production of thyroid hormones (T3 and T4). This test is commonly used to diagnose thyroid disorders such as hypothyroidism and hyperthyroidism. High TSH levels usually indicate an underactive thyroid, while low TSH levels may suggest an overactive thyroid. The normal TSH range in adults is approximately 0.4 – 4.0 mIU/L, though it may vary slightly by laboratory.

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

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