

Pat. Name : Suraj Kumar
Age : 19Y / Sex : Male
Ref. By : Upkar Hospital
Comp.Name : Uhe



Reg. No : OSP-2026-0359
Col. Date : 11-06-2026
Rpt. Date : 11-06-2026

Test	-	Result	Unit	Normal Range
HAEMATOLOGY				
COMPLETE BLOOD COUNT (CBC)				
Total WBC Count	▲	22.6	10 ³ /ul	4-10
RBC INDICES				
RBC Count		4.16	mil/cu.mm	3.5-5.5
Haemoglobin		15.0	gm/dL	12-15
Platelet Count		1.54	10 ⁶ /ul	1.50-4.50
Hematocrit (HCT)		44.9	%	37-46
Mean Corp Volume (MCV)	▲	107.93		83-101
Mean Corp Hb (MCH)	▲	36.06	pg	27-32
Mean Corp Hb Conc (MCHC)		33.41	gm/dL	31.5-34.5
RDW-CV		13.5	%	11.0-17.0
PCT		0.14	%	0.10-0.35
DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils	▲	85	%	40-70
Lymphocytes	▼	10		20-40
Monocytes		02	%	2-10
Eosinophils		03	%	1-6
Basophils		00	%	0-1
ABSOLUTE DIFFERENTIAL COUNT				
Absolute Neutrophils Count	▲	19.21	10 ³ /ul	2-7
Absolute Lymphocyte Count		2.26		1-3
Absolute Eosinophil Count	▲	0.68	10 ³ /ul	0.2-0.5
Absolute Monocyte Count		0.45		0.1-1
Absolute Basophils Count		0.00	10 ³ /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

Kidney Function Test(KFT)

Blood Urea	▲	68.2	mg/dl	10 - 45
BUN-Blood Urea Nitrogen	▲	31.85	mg/dl	6.0 - 20.0
Serum Creatinine	▲	1.36	mg/dl	0.4-1.20
Uric Acid	▲	8.21	mg/dl	2.5 - 7.2
Serum Sodium		148.2	mmol/l	135 - 150
Serum Potassium		5.0	mmol/l	3.5 - 5.0
Serum Chloride		106.9	mmol /L	98 - 110
Calcium (Ca++)	▼	8.22	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		0.35	mg/dl	0.0-0.4
Indirect Bilirubin		0.54	mg/dl	0.2-0.7
Alkaline Phosphatase	▲	369.0	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	▲	87.2	U/L	5-35
Aspartate Transaminase (SGOT/AST)	▲	63.9	U/L	8-40
SGOT/SGPT Ratio		0.73	Ratio	0-5
Total Protein		6.89	g/dl	6-8
Albumin		3.68	gm/dl	3.5-5.5
Globulin		3.21	g/dl	2.3-3.6
A/G Ratio		1.15		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.

SEROLOGY

Blood Group (ABO)

Blood Group (ABO)	O	
Rh Typing	POSITIVE (+ve)	POSITIVE

Comment

Blood Group (ABO) is a laboratory test used to determine a person's blood type based on the presence or absence of A and B antigens on red blood cells. The four main blood groups are A, B, AB, and O. ABO blood typing is essential for safe blood transfusions, organ transplantation, and prenatal care, as receiving incompatible blood can cause serious health complications.

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COAGULATION

Prothrombin Time (PT/INR)

PT(Prothrombin Time)	▲	17	Seconds	11.0-16.0
Control (MNPT)		13.0	Seconds	13.0
PT Ratio		1.31		
International normalized ratio (INR)	▲	1.51		0.64 - 1.35

Comment

Prothrombin Time (PT/INR) is a blood test used to measure how long it takes blood to clot. It helps evaluate the function of clotting factors and is commonly used to monitor patients taking anticoagulant medications such as Warfarin. PT measures the clotting time in seconds, while INR (International Normalized Ratio) standardizes the result so it can be compared across different laboratories. Abnormal PT/INR values may indicate bleeding disorders, liver disease, vitamin K deficiency, or the effects of blood-thinning medications.

*** End Of Report ***

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