

Pat. Name : Birendra Kumar  
Age : 24Y / Sex : Male  
Ref. By : Multicare Hospital  
Comp.Name : Mchph



Reg. No : OSP-2026-0431  
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		7.63	$10^3/\text{ul}$	4-10
<b>RBC INDICES</b>				
RBC Count		4.6	mil/cu.mm	3.5-5.5
Haemoglobin		12.0	gm/dL	12-15
Platelet Count		1.80	$10^6/\text{ul}$	1.50-4.50
Hematocrit (HCT)		38.7	%	37-46
Mean Corp Volume (MCV)		84.13		83-101
Mean Corp Hb (MCH)	▼	<b>26.09</b>	pg	27-32
Mean Corp Hb Conc (MCHC)	▼	<b>31.01</b>	gm/dL	31.5-34.5
RDW-CV		14.8	%	11.0-17.0
PCT		0.17	%	0.10-0.35

### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		62	%	40-70
Lymphocytes		31		20-40
Monocytes		04	%	2-10
Eosinophils		03	%	1-6
Basophils		00	%	0-1

### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		4.73	$10^3/\text{ul}$	2-7
Absolute Lymphocyte Count		2.37		1-3
Absolute Eosinophil Count		0.23	$10^3/\text{ul}$	0.2-0.5
Absolute Monocyte Count		0.31		0.1-1
Absolute Basophils Count		0.00	$10^3/\text{ul}$	0-0.1

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 1 of 4

Vishal Prakash  
Dr. Vishal Prakash  
MBBS,DCP  
Consultant Pathologist

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### BIOCHEMISTRY

#### Kidney Function Test(KFT)

Blood Urea		36.1	mg/dl	10 - 45
BUN-Blood Urea Nitrogen		16.86	mg/dl	6.0 - 20.0
Serum Creatinine		1.01	mg/dl	0.4-1.20
Uric Acid		7.2	mg/dl	2.5 - 7.2
Serum Sodium		138.5	mmol/l	135 - 150
Serum Potassium		3.62	mmol/l	3.5 - 5.0
Serum Chloride		100.0	mmol /L	98 - 110
Calcium (Ca++)		9.68	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	0.83	mg/dl	0.2-1.3
Direct Bilirubin	0.33	mg/dl	0.0-0.4
Indirect Bilirubin	0.50	mg/dl	0.2-0.7
Alkaline Phosphatase	136.8	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	22.8	U/L	5-35
Aspartate Transaminase (SGOT/AST)	18.3	U/L	8-40
SGOT/SGPT Ratio	0.80	Ratio	0-5
Total Protein	6.93	g/dl	6-8
Albumin	3.78	gm/dl	3.5-5.5
Globulin	3.15	g/dl	2.3-3.6
A/G Ratio	1.20		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.

#### WIDAL TEST NEW

TYPHI "O"	+VE IN 1:160 DILUTION
TYPHI "H"	-VE IN 1:40 DILUTION
TYPHI "AH"	-VE IN 1:20 DILUTION
TYPHI "BH"	-VE IN 1:20 DILUTION

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**Comment**

Widal Test is a blood test used to help diagnose typhoid fever by detecting antibodies against Salmonella typhi bacteria. It helps doctors identify typhoid infection and start appropriate treatment.  
The test is commonly used along with clinical symptoms and other investigations for accurate diagnosis.

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

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Page 4 of 4

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