

Pat. Name : Ganit Prasad  
Age : 34Y / Sex : Male  
Ref. By : Multicare Hospital  
Comp.Name : Mchph



Reg. No : OSP-2026-0397  
Col. Date : 13-06-2026  
Rpt. Date : 13-06-2026

Test	-	Result	Unit	Normal Range
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## HAEMATOLOGY

### COMPLETE BLOOD COUNT (CBC)

Total WBC Count		5.2	10 <sup>3</sup> /ul	4-10
<b>RBC INDICES</b>				
RBC Count		4.62	mil/cu.mm	3.5-5.5
Haemoglobin	▲	<b>138</b>	gm/dL	12-15
Platelet Count		1.69	10 <sup>6</sup> /ul	1.50-4.50
Hematocrit (HCT)		42.2	%	37-46
Mean Corp Volume (MCV)		92.1		83-101
Mean Corp Hb (MCH)		31.7	pg	27-32
Mean Corp Hb Conc (MCHC)		34.4	gm/dL	31.5-34.5
RDW-CV		14.5	%	11.0-17.0
PCT		0.14	%	0.10-0.35

### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		54	%	40-70
Lymphocytes		38		20-40
Monocytes		03	%	2-10
Eosinophils		05	%	1-6
Basophils		00	%	0-1

### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		2.81	10 <sup>3</sup> /ul	2-7
Absolute Lymphocyte Count		1.98		1-3
Absolute Eosinophil Count		0.26	10 <sup>3</sup> /ul	0.2-0.5
Absolute Monocyte Count		0.16		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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Consultant Pathologist

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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		0.96	mg/dl	0.4-1.20
Uric Acid	▲	<b>8.21</b>	mg/dl	2.5 - 7.2
Serum Sodium		136.0	mmol/l	135 - 150
Serum Potassium		3.85	mmol/l	3.5 - 5.0
Serum Chloride		102.0	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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### BIOCHEMISTRY

#### Liver Function Test (LFT)

Total Bilirubin		0.68	mg/dl	0.2-1.3
Direct Bilirubin		0.34	mg/dl	0.0-0.4
Indirect Bilirubin		0.34	mg/dl	0.2-0.7
Alkaline Phosphatase		169.0	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	▲	<b>76.2</b>	U/L	5-35
Aspartate Transaminase (SGOT/AST)	▲	<b>58.9</b>	U/L	8-40
SGOT/SGPT Ratio		0.77	Ratio	0-5
Total Protein		6.82	g/dl	6-8
Albumin		3.71	gm/dl	3.5-5.5
Globulin		3.11	g/dl	2.3-3.6
A/G Ratio		1.19		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)		15	Seconds	11.0-16.0
Control (MNPT)		13.0	Seconds	13.0
PT Ratio		1.15		
International normalized ratio (INR)		1.26		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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