

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

## HAEMATOLOGY

### COMPLETE BLOOD COUNT (CBC)

Total WBC Count		8.9	10 <sup>3</sup> /ul	4-10
<b>RBC INDICES</b>				
RBC Count		4.40	mil/cu.mm	3.5-5.5
Haemoglobin		12.4	gm/dL	12-15
Platelet Count		1.64	10 <sup>6</sup> /ul	1.50-4.50
Hematocrit (HCT)		39.2	%	37-46
Mean Corp Volume (MCV)		89.09		83-101
Mean Corp Hb (MCH)		28.18	pg	27-32
Mean Corp Hb Conc (MCHC)		31.63	gm/dL	31.5-34.5
RDW-CV		14.9	%	11.0-17.0
PCT		0.21	%	0.10-0.35

### DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils		59	%	40-70
Lymphocytes		32		20-40
Monocytes		07	%	2-10
Eosinophils		02	%	1-6
Basophils		00	%	0-1

### ABSOLUTE DIFFERENTIAL COUNT

Absolute Neutrophils Count		5.25	10 <sup>3</sup> /ul	2-7
Absolute Lymphocyte Count		2.85		1-3
Absolute Eosinophil Count	▼	<b>0.18</b>	10 <sup>3</sup> /ul	0.2-0.5
Absolute Monocyte Count		0.62		0.1-1
Absolute Basophils Count		0.00	10 <sup>3</sup> /ul	0-0.1

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 1 of 9

Dr. Vishal Prakash  
MBBS,DCP  
Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

### BIOCHEMISTRY

#### Kidney Function Test(KFT)

Blood Urea		29.2	mg/dl	10 - 45
BUN-Blood Urea Nitrogen		13.64	mg/dl	6.0 - 20.0
Serum Creatinine		0.72	mg/dl	0.4-1.20
Uric Acid		5.01	mg/dl	2.5 - 7.2
Serum Sodium		141.0	mmol/l	135 - 150
Serum Potassium		3.96	mmol/l	3.5 - 5.0
Serum Chloride		103.0	mmol /L	98 - 110
Calcium (Ca++)		9.21	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.

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

### BIOCHEMISTRY

#### Liver Function Test (LFT)

Total Bilirubin	0.81	mg/dl	0.2-1.3
Direct Bilirubin	0.36	mg/dl	0.0-0.4
Indirect Bilirubin	0.45	mg/dl	0.2-0.7
Alkaline Phosphatase	132.6	IU/L	00-240
Alanine Transaminase (SGPT/ALT)	31.8	U/L	5-35
Aspartate Transaminase (SGOT/AST)	28.2	U/L	8-40
SGOT/SGPT Ratio	0.89	Ratio	0-5
Total Protein	7.28	g/dl	6-8
Albumin	3.96	gm/dl	3.5-5.5
Globulin	3.32	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.

#### Vitamin D3 (1,25 Dihydroxyvitamin D3)

Vitamin D3	▼	12.8	pg/mL	18-62
------------	---	------	-------	-------

### IMMUNOLOGY

#### Vitamin - B12 (Cynobalamin)

VITAMIN B-12		183.9	Pg/ML	180 - 916
--------------	--	-------	-------	-----------

#### Comment

Vitamin B12 (Cyanocobalamin) is a vitamin test used to measure the level of Vitamin B12 in the blood. It helps detect deficiency which can cause anemia, weakness, fatigue, and nerve problems. This test is important for maintaining healthy blood and proper nervous system function.

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
<b>BIOCHEMISTRY</b>				
Blood Sugar Random(BSR)		93.1	mg/dl	70-140

A handwritten signature in blue ink, appearing to read 'Vikash'.

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

*Vishal Prakash*  
Dr. Vishal Prakash  
MBBS,DCP  
Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
<b>HAEMATOLOGY</b>				
<b>HbA1c -Glycosylated hemoglobin</b>				
HbA1c -Glycosylated hemoglobin		5.2	%	4.2 - 6.2 Non Diabetic: < 5.7 % Pre-Diabetic: 5.7 - 6.5 % Diabetic: > 6.5 % Goal of Therapy : <7.0 %
HbA1c -Glycosylated hemoglobin IFCC		128	mmol/mol	Non Diabetic: < 39 Pre-Diabetic: 39 - 47 Diabetic: > 48

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Vishal Prakash  
Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test - Result Unit Normal Range

### BIOCHEMISTRY

#### Lipid Profile

TOTAL CHOLESTEROL	163.8	mg/dl	50-200
Serum Triglyceride	128.4	mg/dl	0-161
HDL Cholestrol	37.5	mg/dl	35-60
LDL Cholestrol	▲ <b>100.62</b>	mg/dl	0-100
VLDL Cholestrol	25.68	mg/dl	5-40
LDL/HDL Ratio	2.68	mg/dl	0-3.55
HDL / LDL Ratio	0.37	Ratio	
Chol / HDL Ratio	4.37	mg/dl	0-4.97

#### 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

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 6 of 9

Vishal Prakash  
Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

### IMMUNOLOGY

#### Thyroid Profile [T3,T4,TSH]

T3 [Triiodothyronine]		0.98	ng/ml	0.6 - 2.0
T4 [Thyroxine]		6.29	ug/dl	5.0 - 13.0
TSH (Thyroid Stimulating Hormone)		1.52	uIU/mL	0.4 - 4.2

#### Comment

TSH ( ULTRASENSITIVE )  
Reference Ranges for pregnancy

-----  
--  
1st Trimester            0.30 - 4.50  
2nd Trimester           0.50 - 4.60  
3rd Trimester           0.80 - 5.20  
-----

#### NOTE :-

- 1.TSH levels are subject to circadian variation, reaching peak levels between 2-4 .a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- 2.Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- 3.Physiological rise in Total T3/T4 levels is seen in pregnancy and in patients on steroid therapy.

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 7 of 9

*Vishal Prakash*  
Dr. Vishal Prakash  
MBBS, DCP  
Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

### BIOCHEMISTRY

#### Urine R/E Analysis

##### Physical Examination

VOLUME	3	ml	2-5
Urine Colour	Pale Yellow		
Appearance	Clear		
Urine pH	7.0		4.5-8.0
Specific Gravity	1.015		1.000-1.030

##### Chemical Examination

Urine Sugar (Glucose)	Absent
Urine Protein	Absent
Ketones	Absent
Urine Bilirubin	Absent
Urobilinogen	Absent
Blood	Not Present
Nitrate	Not Present
Bile Pigment	NEGATIVE
Leukocytes Esterase	Absent

##### Microscopy Examination

Pus Cells	2-3		
R.B.C.	Nil	RBC /hpf	0-2
Epithelial Cells	2-4	Epi Cells /hpf	
Casts	Not Cast	/hpf	
Crystals	Not Seen	/hpf	

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 8 of 9

Dr. Vishal Prakash  
MBBS, DCP  
Consultant Pathologist

Pat. Name : Shambhavi Shrishty  
Age : 22Y / Sex : Female  
Ref. By : Dr.Chandra Mani Kumar  
Comp.Name : Ayush Clinic



Reg. No : OSP-2026-0404  
Col. Date : 14-06-2026  
Rpt. Date : 14-06-2026

Test	-	Result	Unit	Normal Range
------	---	--------	------	--------------

**Comment**

Urine Routine Examination (Urine R/E Analysis) is a common test used to examine the physical, chemical, and microscopic properties of urine. It helps detect urinary tract infections, kidney disorders, diabetes, and other health conditions. This test provides important information about overall urinary and kidney health.

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

Lab Technician  
VIKASH KUMAR  
BMLT(AKU)

Page 9 of 9

Dr. Vishal Prakash  
MBBS,DCP

Consultant Pathologist