

**DEPARTMENT OF PATHOLOGY ALLIED SERVICES**

<b>MRNO</b>	C0000543279	<b>IP No.</b>	OP-001
<b>Name</b>	Mr SUSHIL TOPPO	<b>Age / Gender</b>	41 Years 6 Months 14 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM14092400134	<b>Reported On</b>	14/09/2024 17:51
<b>Collected On</b>	14/09/2024 11:15	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	14/09/2024 12:16		

**HEMATOLOGY**

**Sample Type** Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
BLOOD Group RH (Anti D) (Gel Agglutination (Forward & Reverse))	" B " POSITIVE		-	

**Note :**

---- End of Report ----

Dr. Susruta Sen  
MD, DNB (Biochemistry)  
Lab Director

Dr. Sumit Ghosh  
MD (Pathology)  
Consultant Pathologist

Dr. Minakshi Karmakar  
MD (Pathology)  
Consultant Pathologist

Dr. Saikat Pal  
DNB (Microbiology)  
Senior Resident Microbiology

Dr. Nivedita Bhattacharjee  
MD (Microbiology)  
Jr. Consultant Microbiologist

*Ashik Mullik*  
Dr. Ashik Mullik  
MD (Pathology)  
Senior Resident Pathology

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<b>Sample No</b>	HEM14092400133	<b>Reported On</b>	14/09/2024 15:50
<b>Collected On</b>	14/09/2024 11:15	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	14/09/2024 12:16		

### HEMATOLOGY

**Sample Type** Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
<b>COMPLETE HAEMOGRAM / C.B.C</b>				
Haemoglobin <i>((Electronic Impedance ))</i>	<b>13.3</b>	gm/dL	12.0-17.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	<b>5.29</b>	10 <sup>6</sup> / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	<b>4500.0</b>	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>57</b>	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>01</b>	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>00</b>		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>40</b>	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>02</b>	%	2.0-10.0	
OTHER <i>(Electronic Impedance / Microscopy)</i>	<b>00</b>		-	
E S R ( Method - Westergren ) <i>(Westergren Method)</i>	<b>09</b>		-	
RDW <i>(Calculated)</i>	<b>13.5</b>	%	11.0-14.5	
M C H <i>(Calculated)</i>	<b>25.1</b>	pg/mL	27.0-32.0	Low
M C H C <i>(Calculated)</i>	<b>32.0</b>	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	<b>78</b>	fL	83.0-101.0	Low
P C V <i>(Calculated)</i>	<b>41.4</b>	%	37.0-47.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain &amp; Microscopy)</i>	<b>RBC: Normochromic normocytic to few microcytic hypochromic. WBC: Normal morphology. Platelet: Adequate.</b>		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	<b>210</b>	10 <sup>3</sup> /μL	150.0-450.0	

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM14092400133	<b>Reported On</b>	14/09/2024 15:50
<b>Collected On</b>	14/09/2024 11:15	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	14/09/2024 12:16		

**HEMATOLOGY**

**Sample Type** Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
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Name	Mr SUSHIL TOPPO	Age / Gender	41 Years 6 Months 14 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209244037	Reported On	14/09/2024 14:36
Collected On	14/09/2024 11:15	Ward & Bed No	
Received On	14/09/2024 12:16		

**BIOCHEMISTRY**

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.6	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

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Name	Mr SUSHIL TOPPO	Age / Gender	41 Years 6 Months 14 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209244038	Reported On	14/09/2024 14:12
Collected On	14/09/2024 11:15	Ward & Bed No	
Received On	14/09/2024 12:16		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F ( Blood ) (Hexokinase)	85.0	mg/dL	74.0-106.0	

Note :

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MRNO	C0000543279	IP No.	OP-001
Name	Mr SUSHIL TOPPO	Age / Gender	41 Years 6 Months 14 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209244134	Reported On	14/09/2024 17:46
Collected On	14/09/2024 15:14	Ward & Bed No	
Received On	14/09/2024 15:31		

**BIOCHEMISTRY**

Sample Type Plasma


Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	83.0	mg/dL	70.0-140.0	

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Name	Mr SUSHIL TOPPO	Age / Gender	41 Years 6 Months 14 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209244036	Reported On	14/09/2024 14:28
Collected On	14/09/2024 11:15	Ward & Bed No	
Received On	14/09/2024 12:16		

### BIOCHEMISTRY

Sample Type                      Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	<b>0.84</b>	mg/dL	0.7-1.3	
<b>LIPID PROFILE</b>				
Cholesterol Total <i>(CHOD PAP)</i>	<b>238.0</b>	mg/dL	125.0-200.0	High
Triglycerides <i>(Enzymatic (with peroxidase))</i>	<b>135.0</b>	mg/dL	0.0-150.0	
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	<b>51.0</b>	mg/dL	30.0-50.0	High
LDL Cholesterol <i>(Calculated)</i>	<b>160.0</b>	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	<b>27.0</b>	mg/dL	10.0-30.0	
<b>LIVER FUNCTION TEST</b>				
Bilirubin Total <i>(Jendrassik DPD)</i>	<b>1.0</b>	mg/dL	0.2-1.0	
Bilirubin Direct <i>(Jendrassik DPD)</i>	<b>0.3</b>	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	<b>137.0</b>	U/L	46.0-116.0	High
S G O T <i>(IFCC With P5P)</i>	<b>25.0</b>	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	<b>38.0</b>	U/L	16.0-63.0	
G.G.T. <i>(IFCC GCNA)</i>	<b>31.0</b>	U/L	15.0-85.0	
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	<b>7.56</b>	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	<b>4.49</b>	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	<b>3.07</b>	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	<b>1.46</b>	N/A	-	
P S A - SERUM <i>(ECLIA)</i>	<b>0.178</b>	ng/mL	40 - 50 YEARS -- 1.4 ng/mL, 50 ~ 60 YEARS -- 2.0 ng/mL, 60 - 70 YEARS -- 4.1 ng/mL, 70 ~ 100 YEARS -- 4.4 ng/mL,	
<b>PROTEIN TOTAL</b>				
Protein Total ( Method - Biuret )	<b>7.56</b>	gm/dL	6.3-8.2	
Albumin ( Method - BCG Dye Binding )	<b>4.49</b>	g/dL	3.5-5.0	
Globulin ( Method -Derived )	<b>3.07</b>	gm/dL	1.8-3.6	
A : G	<b>1.46</b>		-	
<b>T3 T4 TSH</b>				
T3 <i>(ECLIA)</i>	<b>1.43</b>		0.8-2.0 ng/mL	

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Collected On	14/09/2024 11:15	Ward & Bed No	
Received On	14/09/2024 12:16		

**BIOCHEMISTRY**

Sample Type Serum


Parameter	Result	Units	Biological Reference Interval	Flag
T3 T4 TSH				
T4 (ECLIA)	<b>8.44</b>		5.1-14.1 µg/dL	
TSH ( 3rd Generation) (ECLIA)	<b>3.74</b>		0.27-4.2 µIU/mL	
URIC ACID (Uricase Method)	<b>5.1</b>	mg/dL	3.5-8.5	
Urea (Blood) (Urease method)	<b>18.0</b>	mg/dL	15.0-38.66	

Note :

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3509240775	<b>Reported On</b>	14/09/2024 17:00
<b>Collected On</b>	14/09/2024 12:51	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	14/09/2024 13:24		

**CLINICAL PATHOLOGY**

**Sample Type** Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE.				
Quantity	50ML		-	
Colour	PALE STRAW		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.003		-	
Albumin	NIL		-	
REACTION/ph	6.5		-	
Sugar	NIL		-	
Ketone Bodies	NIL		-	
Bilirubin	NIL		-	
Bile Salts	NIL		-	
Urobilinogen	NORMAL		-	
Nitrite	NIL		-	
Leucocyte esterase	NIL		-	
Chyle	-		-	
Blood	NIL		-	
RBC	NIL		-	
W B C	1-2/HPF		-	
Casts	NIL		-	
Crystals	NIL		-	
Macrophages	NIL		-	
Epithelial Cells	NIL		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

**Note :**

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<b>Patient ID</b>	C0000543279	<b>Patient Name</b>	SUSHIL TOPPO
<b>Gender</b>	Male	<b>Age</b>	41Y 6M
<b>Procedure Name</b>	USG - WHOLE ABDOMEN	<b>Study DateTime</b>	2024-09-14 12:12:33
<b>Study Type</b>	US	<b>Referring Physician</b>	MEDICAL OFFICER DR.

### **USG OF WHOLE ABDOMEN**

Liver : is normal in size (120 mm) with increased parenchymal echogenicity. PV & CBD are normal. Intrahepatic biliary radicles are not dilated.

Gall bladder : is normal size, contour, outline and position. Wall thickness is normal. No calculus is seen.

Pancreas : is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated.

Spleen : is not enlarged and parenchyma shows normal homogeneous pattern.  
Spleen measures : 99 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / mass / hydronephrosis is seen.  
Right kidney measures : 97 mm. Left kidney measures : 97 mm.

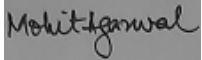
Urinary bladder : is normal in contour, outline and distension. No vesical lesion is seen. Wall thickness is normal. No significant residual urine is seen.

Prostate : is normal in size and parenchymal echogenicity.  
Size : 35 x 34 x 31 mm, volume : 20 cc.

#### **IMPRESSION :**

**\* Grade I fatty liver.**

However, clinical correlation / relevant investigations are suggested for further evaluation.



**Dr. Mohit Agarwal**

MBBS, MD

<b>Patient ID</b>	C0000543279	<b>Patient Name</b>	SUSHIL TOPPO
<b>Gender</b>	Male	<b>Age</b>	41Y 6M
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2024-09-14 13:22:45
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**DIMENSIONS:**

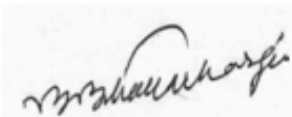
(Figures in the bracket indicate the normal adult Values)

AoD:3.0	(2.0-4.0) cms	DE:1.6	(1.5-2.5) cms
AoEX:1.7	(1.2-2.5) cms	EF:11.0	(5.0-15.0) cms
LA:3.0	(2.0-4.0) cms	EPSS:0.5	(0-1.0) cms
LVIDd: 5.2	(3.5-5.6) cms	IVS(d):0.9	(0.6-1.1) cms
LVIDs: 3.3	(2.4-4.2) cms	LVPW(d):0.9	(0.6-1.1) cms
RV (d):1.2	(0.6-2.3) cms	LVEF: 62%	

**FINDINGS:**

- Left ventricle shows:
  - The cavity size and wall thickness are within normal limits.
  - No regional wall motion abnormality.
  - Good systolic function with ejection fraction of about: 62%
- Left atrium , right atrium and right ventricular sizes are within normal limits. Good right ventricular systolic function.
- Cardiac valves: Mild mitral regurgitation. Other cardiac valves are normal.
- No pulmonary arterial hypertension.
- No intra-cardiac shunt/mass. No pericardial pathology.
- IVC normal in size with normal respiratory variation.

**Please correlate clinically.**



**Dr. Bikash Bhattacharjee**  
**(MBBS, MD)**  
**REG NO - 37563 (WBMC)**

<b>Patient ID</b>	C0000543279	<b>Patient Name</b>	SUSHIL TOPPO
<b>Gender</b>	Male	<b>Age</b>	41Y 6M
<b>Procedure Name</b>	DX Scan	<b>Study DateTime</b>	2024-09-14 11:13:34
<b>Study Type</b>	DX	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**X-RAY - Chest PA view :**

Lung fields are clear.


Both hila are normal.

Both costophrenic angles are clear.

Cardiac shadow is within normal limit.

However, clinical correlation / relevant investigations are suggested for more information.

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**Dr. V. C. Kuruvilla**

DMRD, MD

Radiologist

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