

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000545672	IP No.	OP-001
Name	Ms PURNIMA GHOSH	Age / Gender	28 Years 0 Months 9 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM28092400107	Reported On	28/09/2024 16:32
Collected On	28/09/2024 10:53	Ward & Bed No	
Received On	28/09/2024 11:55		

### HEMATOLOGY

Sample Type                      Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
BLOOD Group RH (Anti D) <i>(Gel Agglutination (Forward &amp; Reverse))</i>	" AB " POSITIVE		-	
<b>COMPLETE HAEMOGRAM / C.B.C</b>				
Haemoglobin <i>((Electronic Impedance ))</i>	<b>13.4</b>	gm/dL	12.0-15.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	<b>4.76</b>	10 <sup>6</sup> / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	<b>6100.0</b>	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>54</b>	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>04</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>13</b>		-	
RDW <i>(Calculated)</i>	<b>15.5</b>	%	11.0-14.5	High
M C H <i>(Calculated)</i>	<b>28.2</b>	pg/mL	27.0-32.0	
M C H C <i>(Calculated)</i>	<b>32.6</b>	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	<b>87</b>	fL	83.0-101.0	
P C V <i>(Calculated)</i>	<b>41.2</b>	%	36.0-50.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain &amp; Microscopy)</i>	<b>RBCs are normochromic normocytic. WBC morphology normal. Platelets adequate.</b>		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	<b>230</b>	10 <sup>3</sup> /μL	150.0-450.0	

**Note :**

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**HEMATOLOGY**

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
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**Dr. Susruta Sen**  
MD, DNB (Biochemistry)  
Lab Director

**Dr. Sumit Ghosh**  
MD (Pathology)  
Sr. Consultant Pathologist

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Name	Ms PURNIMA GHOSH	Age / Gender	28 Years 0 Months 9 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209248138	Reported On	28/09/2024 13:53
Collected On	28/09/2024 10:53	Ward & Bed No	
Received On	28/09/2024 11:55		

**BIOCHEMISTRY**

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.5	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3209248137	<b>Reported On</b>	28/09/2024 14:27
<b>Collected On</b>	28/09/2024 10:53	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	28/09/2024 11:55		

**BIOCHEMISTRY**

**Sample Type** Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F ( Blood ) (Hexokinase)	<b>94.0</b>	mg/dL	74.0-106.0	

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Name	Ms PURNIMA GHOSH	Age / Gender	28 Years 0 Months 9 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209248221	Reported On	29/09/2024 12:42
Collected On	28/09/2024 15:57	Ward & Bed No	
Received On	28/09/2024 16:49		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	<b>103.0</b>	mg/dL	70.0-140.0	

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Name	Ms PURNIMA GHOSH	Age / Gender	28 Years 0 Months 9 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3209248136	Reported On	28/09/2024 14:39
Collected On	28/09/2024 10:53	Ward & Bed No	
Received On	28/09/2024 11:55		

### BIOCHEMISTRY

Sample Type                      Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	<b>0.64</b>	mg/dL	0.55-1.02	
<b>LIPID PROFILE</b>				
Cholesterol Total <i>(CHOD PAP)</i>	<b>183.0</b>	mg/dL	125.0-200.0	
Triglycerides <i>(Enzymatic (with peroxidase))</i>	<b>174.0</b>	mg/dL	0.0-150.0	High
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	<b>40.0</b>	mg/dL	30.0-50.0	
LDL Cholesterol <i>(Calculated)</i>	<b>108.0</b>	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	<b>35.0</b>	mg/dL	10.0-30.0	High
<b>LIVER FUNCTION TEST</b>				
Bilirubin Total <i>(Jendrassik DPD)</i>	<b>0.5</b>	mg/dL	0.2-1.0	
Bilirubin Direct <i>(Jendrassik DPD)</i>	<b>0.2</b>	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	<b>53.0</b>	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	<b>26.0</b>	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	<b>37.0</b>	U/L	16.0-63.0	
G.G.T. <i>(IFCC GCNA)</i>	<b>28.0</b>	U/L	15.0-85.0	
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	<b>7.34</b>	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	<b>4.64</b>	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	<b>2.70</b>	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	<b>1.72</b>	- -	-	
<b>PROTEIN TOTAL</b>				
Protein Total ( Method - Biuret )	<b>7.34</b>	gm/dL	6.3-8.2	
Albumin ( Method - BCG Dye Binding )	<b>4.64</b>	g/dL	3.5-5.0	
Globulin ( Method -Derived )	<b>2.70</b>	gm/dL	1.8-3.6	
A : G	<b>1.72</b>		-	
<b>T3 T4 TSH</b>				
T3 <i>(ECLIA)</i>	<b>1.23</b>		0.8-2.0 ng/mL	
T4 <i>(ECLIA)</i>	<b>6.93</b>		5.1-14.1 µg/dL	
TSH ( 3rd Generation) <i>(ECLIA)</i>	<b>4.52</b>		0.27-4.2 µIU/mL	

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Collected On	28/09/2024 10:53	Ward & Bed No	
Received On	28/09/2024 11:55		

**BIOCHEMISTRY**

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
URIC ACID <i>(Uricase Method)</i>	5.1	mg/dL	2.5-6.2	
Urea (Blood) <i>(Urease method)</i>	11.0	mg/dL	15.0-38.66	Low

Note :

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3509241562	<b>Reported On</b>	28/09/2024 16:38
<b>Collected On</b>	28/09/2024 12:50	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	28/09/2024 13:36		

**CLINICAL PATHOLOGY**

**Sample Type** Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE.				
Quantity	50ML		-	
Colour	PALE STRAW		-	
Appearance	SLIGHTLY HAZY		-	
Deposit	TRACE		-	
Specific Gravity	1.005		-	
Albumin	NIL		-	
REACTION/ph	5.0		-	
Sugar	NIL		-	
Ketone Bodies	NIL		-	
Bilirubin	NIL		-	
Bile Salts	NIL		-	
Urobilinogen	NORMAL		-	
Nitrite	NIL		-	
Leucocyte esterase	NIL		-	
Chyle	-		-	
Blood	(2+)0.15MG/DL		-	
RBC	5-6/HPF		-	
W B C	1-2/HPF		-	
Casts	NIL		-	
Crystals	NIL		-	
Macrophages	NIL		-	
Epithelial Cells	2-3/HPF		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

**Note :**

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<b>Patient ID</b>	C0000545672	<b>Patient Name</b>	PURNIMA GHOSH
<b>Gender</b>	Female	<b>Age</b>	28Y
<b>Procedure Name</b>	DX Scan	<b>Study DateTime</b>	2024-09-28 11:13:00
<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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<b>Patient ID</b>	C0000545672	<b>Patient Name</b>	PURNIMA GHOSH
<b>Gender</b>	Female	<b>Age</b>	28Y
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2024-09-28 15:49:08
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**DIMENSIONS:**

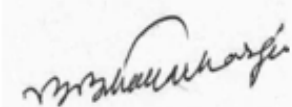
(Figures in the bracket indicate the normal adult Values)

AoD:2.4	(2.0-4.0) cms	DE:1.8	(1.5-2.5) cms
AoEX:1.6	(1.2-2.5) cms	EF:10.0	(5.0-15.0) cms
LA:2.7	(2.0-4.0) cms	EPSS:0.4	(0-1.0) cms
LVIDd: 4.6	(3.5-5.6) cms	IVS(d):0.8	(0.6-1.1) cms
LVIDs: 2.3	(2.4-4.2) cms	LVPW(d):0.8	(0.6-1.1) cms
RV (d):1.1	(0.6-2.3) cms	LVEF: 64%	

**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: 64%
- Left atrium , right atrium and right ventricular sizes are within normal limits. Good right ventricular systolic function.
- All four cardiac valves are normal in appearance and motion.
- 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>	C0000545672	<b>Patient Name</b>	PURNIMA GHOSH
<b>Gender</b>	Female	<b>Age</b>	28Y
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2024-09-28 15:49:08
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**DIMENSIONS:**

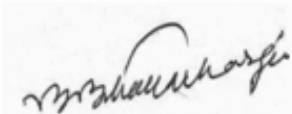
(Figures in the bracket indicate the normal adult Values)

AoD:2.4	(2.0-4.0) cms	DE:1.8	(1.5-2.5) cms
AoEX:1.6	(1.2-2.5) cms	EF:10.0	(5.0-15.0) cms
LA:2.7	(2.0-4.0) cms	EPSS:0.4	(0-1.0) cms
LVIDd: 4.6	(3.5-5.6) cms	IVS(d):0.8	(0.6-1.1) cms
LVIDs: 2.3	(2.4-4.2) cms	LVPW(d):0.8	(0.6-1.1) cms
RV (d):1.1	(0.6-2.3) cms	LVEF: 64%	

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