

**DEPARTMENT OF PATHOLOGY ALLIED SERVICES**

MRNO	C0000510274	IP No.	OP-001
Name	Mrs PIYALI SARKAR	Age / Gender	39 Years 6 Months 19 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203241877	Reported On	07/03/2024 14:57
Collected On	07/03/2024 09:53	Ward & Bed No	
Received On	07/03/2024 11:11		

**BIOCHEMISTRY**

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.1	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

---- End of Report ----

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

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

**Dr. Minakshi Karmakar**  
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**Dr. Ashik Mullik**  
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**Dr. Saikat Pal**  
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 Senior Resident Microbiology

**Dr. Nivedita Bhattacharjee**  
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 Jr. Consultant Microbiologist

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM07032400089	<b>Reported On</b>	07/03/2024 13:50
<b>Collected On</b>	07/03/2024 09:53	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	07/03/2024 11:11		

### 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>10.4</b>	gm/dL	12.0-15.0	Low
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	<b>5.03</b>	10 <sup>6</sup> / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	<b>6600.0</b>	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>61</b>	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>03</b>	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>00</b>		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>30</b>	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>06</b>	%	2.0-10.0	
OTHER <i>(Electronic Impedance / Microscopy)</i>	<b>00</b>		-	
E S R ( Method - Westergren ) <i>(Westergren Method)</i>	<b>26</b>		-	
RDW <i>(Calculated)</i>	<b>17.6</b>	%	11.0-14.5	High
M C H <i>(Calculated)</i>	<b>20.8</b>	pg/mL	27.0-32.0	Low
M C H C <i>(Calculated)</i>	<b>31.1</b>	gm/dL	31.5-34.5	Low
M C V <i>(Electronic Impedance)</i>	<b>67</b>	fL	83.0-101.0	Low
P C V <i>(Calculated)</i>	<b>33.5</b>	%	36.0-50.0	Low
Peripheral Blood Smear (Morphology) <i>(Leishman Stain &amp; Microscopy)</i>	<b>RBC: Anisocytosis, microcytic hypochromic. WBC: Normal morphology. Platelet: Adequate.</b>		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	<b>220</b>	10 <sup>3</sup> /μL	150.0-450.0	

**Note :**

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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM07032400089	<b>Reported On</b>	07/03/2024 13:50
<b>Collected On</b>	07/03/2024 09:53	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	07/03/2024 11:11		


**HEMATOLOGY**

**Sample Type** Whole Blood

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

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Name	Mrs PIYALI SARKAR	Age / Gender	39 Years 6 Months 19 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203241948	Reported On	07/03/2024 15:32
Collected On	07/03/2024 12:53	Ward & Bed No	
Received On	07/03/2024 13:29		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	84.0	mg/dL	70.0-140.0	

Note :

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Name	Mrs PIYALI SARKAR	Age / Gender	39 Years 6 Months 19 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203241879	Reported On	07/03/2024 12:47
Collected On	07/03/2024 09:53	Ward & Bed No	
Received On	07/03/2024 11:11		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F ( Blood ) (Hexokinase)	77.0	mg/dL	74.0-106.0	

Note :

---- End of Report ----

  
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MRNO	C0000510274	IP No.	OP-001
Name	Mrs PIYALI SARKAR	Age / Gender	39 Years 6 Months 19 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203241878	Reported On	07/03/2024 14:03
Collected On	07/03/2024 09:53	Ward & Bed No	
Received On	07/03/2024 11:11		

### BIOCHEMISTRY

Sample Type                      Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	<b>0.59</b>	mg/dL	0.55-1.02	
<b>LIPID PROFILE</b>				
Cholesterol Total <i>(CHOD PAP)</i>	<b>206.0</b>	mg/dL	125.0-200.0	High
Triglycerides <i>(Enzymatic (with peroxidase))</i>	<b>86.0</b>	mg/dL	0.0-150.0	
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	<b>56.0</b>	mg/dL	30.0-50.0	High
LDL Cholesterol <i>(Calculated)</i>	<b>133.0</b>	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	<b>17.0</b>	mg/dL	10.0-30.0	
<b>LIVER FUNCTION TEST</b>				
Bilirubin Total <i>(Jendrassik DPD)</i>	<b>1.5</b>	mg/dL	0.2-1.0	High
Bilirubin Direct <i>(Jendrassik DPD)</i>	<b>0.4</b>	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	<b>71.0</b>	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	<b>18.0</b>	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	<b>12.0</b>	U/L	16.0-63.0	Low
G.G.T. <i>(IFCC GCNA)</i>	<b>12.0</b>	U/L	15.0-85.0	Low
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	<b>7.21</b>	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	<b>4.35</b>	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	<b>2.86</b>	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	<b>1.52</b>	- -	-	
<b>PROTEIN TOTAL</b>				
Protein Total ( Method - Biuret )	<b>7.21</b>	gm/dL	6.3-8.2	
Albumin ( Method - BCG Dye Binding )	<b>4.35</b>	g/dL	3.5-5.0	
Globulin ( Method -Derived )	<b>2.86</b>	gm/dL	1.8-3.6	
A : G	<b>1.52</b>		-	
<b>T3 T4 TSH</b>				
T3 <i>(ECLIA)</i>	<b>1.52</b>		0.8-2.0 ng/mL	
T4 <i>(ECLIA)</i>	<b>10.2</b>		5.1-14.1 µg/dL	
TSH ( 3rd Generation) <i>(ECLIA)</i>	<b>5.97</b>		0.27-4.2 µIU/mL	

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Sample No	3203241878	Reported On	07/03/2024 14:03
Collected On	07/03/2024 09:53	Ward & Bed No	
Received On	07/03/2024 11:11		

**BIOCHEMISTRY**

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
URIC ACID <i>(Uricase Method)</i>	4.4	mg/dL	2.5-6.2	
Urea (Blood) <i>(Urease method)</i>	14.0	mg/dL	15.0-38.66	Low

Note :

---- End of Report ----

  
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<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3503240366	<b>Reported On</b>	07/03/2024 12:22
<b>Collected On</b>	07/03/2024 09:53	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	07/03/2024 12:20		

**CLINICAL PATHOLOGY**

**Sample Type** Urine

Parameter	Result	Units	Biological Reference Interval	Flag
<b>URINE ROUTINE</b> (Physical, Chemical and Microscopic study)				
Quantity	25ML		-	
Colour	PALE STRAW		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.015	--	1.003-1.033	
Albumin	NIL		-	
REACTION/ph	5.5	--	5.0-7.5	
Sugar	NIL		-	
Ketone Bodies	NIL		-	
Bilirubin	NIL		-	
Bile Salts	NIL		-	
Urobilinogen	NORMAL		-	
Chyle	-		-	
Blood	NIL		-	
RBC	NIL		-	
W B C	1-2/HPF		-	
Casts	NIL		-	
Crystals	NIL		-	
Macrophages	NIL		-	
Epithelial Cells	8-10/HPF		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

**Note :**

---- End of Report ----

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<b>Name</b>	Mrs PIYALI SARKAR	<b>Age / Gender</b>	39 Years 6 Months 19 Days / FEMALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3503240367	<b>Reported On</b>	07/03/2024 13:07
<b>Collected On</b>	07/03/2024 09:53	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	07/03/2024 13:05		

**CLINICAL PATHOLOGY**

**Sample Type** Stool

Parameter	Result	Units	Biological Reference Interval	Flag
<b>STOOL ROUTINE</b> (Physical, Chemical and Microscopic study)				
PHYSICAL	-		-	
APPEARANCE	<b>SEMI SOLID</b>		-	
COLOUR	<b>BROWNISH</b>		-	
ODOUR	<b>FECULENT</b>		-	
Mucus	<b>PRESENT</b>		-	
Blood	<b>NOT DETECTED</b>		-	
Parasites (if found)	<b>NOT FOUND</b>		-	
CHEMICAL	-		-	
REACTION / PH	<b>NIL</b>		-	
MICROSCOPICAL	<b>NIL</b>		-	
R B C	<b>2-3/HPF</b>		-	
W B C	<b>0-2/HPF</b>		-	
Epithelial Cells	<b>NIL</b>		-	
Macrophages	<b>NIL</b>		-	
CRYSTALS	-		-	
Undigested food particles	<b>PRESENT</b>		-	
Fat Droplets	<b>NIL</b>		-	
Vegetables Cells/ Fibres	<b>PRESENT</b>		-	
Starch	<b>NIL</b>		-	
Parasite	<b>NOT FOUND</b>		-	

**Note :**

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MRNO	C0000510274	IP No.	OP-001
Name	Mrs PIYALI SARKAR	Age / Gender	39 Years 6 Months 19 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM07032400090	Reported On	07/03/2024 17:59
Collected On	07/03/2024 09:54	Ward & Bed No	
Received On	07/03/2024 11:11		

**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 ----

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MD (Microbiology)  
Jr. Consultant Microbiologist

<b>Patient ID</b>	C0000510274	<b>Patient Name</b>	PIYALI SARKAR
<b>Gender</b>	Female	<b>Age</b>	39Y 6M
<b>Procedure Name</b>	USG - WHOLE ABDOMEN	<b>Study DateTime</b>	2024-03-07 10:17:16
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

#### **USG OF WHOLE ABDOMEN**

Liver : is normal in size and parenchymal echotexture. PV & CBD are normal. Intrahepatic biliary radicles are not dilated.

Gall bladder : is normal size, contour, outline and position. No calculus is seen. Wall thickness is normal. An echogenic sessile, non shadowing foci noted on the wall (diameter 7 mm).

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 : 95 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / mass / hydronephrosis is seen.  
Right kidney measures : 103 mm. Left kidney measures : 105 mm.

Urinary bladder : is normal in contour, outline and distension. No vesical lesion is seen.

Uterus : Anteverted, bulky in size with normal position and parenchymal echogenicity. Two small hypoechoic SOL measuring 24 x 18 mm & 15 x 13 mm is noted in the posterior myometrium. Endometrial thickness measures 6 mm.  
Uterus size : 116 x 55 x 56 mm.

Right Ovary : It is enlarged in size and measures 66 x 57 mm. It shows a large cyst measuring 60 x 51 mm with internal echoes.

Left Ovary : measures 41 x 25 mm with a small clear cyst measuring 21 x 24 mm.

#### **IMPRESSION :**

- **Gall bladder polyp.**
- **Bulky uterus with small intramural fibroids.**
- **Cyst with echoes in the right ovary - ? Chocolate cyst.**
- **Small simple cyst in the left ovary.**

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



**Dr. Shilpi Pandey**  
MBBS, CBET  
Sonologist

This is a digitally signed valid document. Reported Date/Time: 2024-03-07 17:11:34

<b>Patient ID</b>	C0000510274	<b>Patient Name</b>	PIYALI SARKAR
<b>Gender</b>	Female	<b>Age</b>	39Y 6M
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2024-03-07 11:24:41
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**DIMENSIONS:**

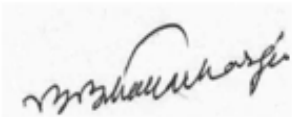
(Figures in the bracket indicate the normal adult Values)

AoD:2.7	(2.0-4.0) cms	DE:1.8	(1.5-2.5) cms
AoEX:1.4	(1.2-2.5) cms	EF:11.0	(5.0-15.0) cms
LA:3.1	(2.0-4.0) cms	EPSS:0.4	(0-1.0) cms
LVIDd: 4.7	(3.5-5.6) cms	IVS(d):0.9	(0.6-1.1) cms
LVIDs: 2.5	(2.4-4.2) cms	LVPW(d):0.9	(0.6-1.1) cms
RV (d): 1.1	(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.
- 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.

**Note: Patient is in irregular cardiac rhythm during the study. Please correlate clinically.**



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

<b>Patient ID</b>	C0000510274	<b>Patient Name</b>	PIYALI SARKAR
<b>Gender</b>	Female	<b>Age</b>	39Y 6M
<b>Procedure Name</b>	DX Scan	<b>Study DateTime</b>	2024-03-07 09:41:53
<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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