

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000510503	IP No.	OP-001
Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203242207	Reported On	08/03/2024 12:48
Collected On	08/03/2024 09:21	Ward & Bed No	
Received On	08/03/2024 10:03		

BIOCHEMISTRY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.4	%	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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 Consultant Pathologist

Dr. Ashik Mullik
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 Senior Resident Pathology

Dr. Saikat Pal
 DNB (Microbiology)
 Senior Resident Microbiology

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

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Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM08032400090	Reported On	08/03/2024 12:50
Collected On	08/03/2024 09:21	Ward & Bed No	
Received On	08/03/2024 10:03		

HEMATOLOGY

Sample Type Whole Blood

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

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Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM08032400089	Reported On	08/03/2024 12:41
Collected On	08/03/2024 09:21	Ward & Bed No	
Received On	08/03/2024 10:03		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
COMPLETE HAEMOGRAM / C.B.C				
Haemoglobin <i>((Electronic Impedance))</i>	10.9	gm/dL	12.0-15.0	Low
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	3.66	10 ⁶ / mL	3.8-5.5	Low
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	5200.0	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	55	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	02	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	00		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	40	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	03	%	2.0-10.0	
OTHER <i>(Electronic Impedance / Microscopy)</i>	00		-	
E S R (Method - Westergren) <i>(Westergren Method)</i>	30		-	
RDW <i>(Calculated)</i>	15.3	%	11.0-14.5	High
M C H <i>(Calculated)</i>	29.9	pg/mL	27.0-32.0	
M C H C <i>(Calculated)</i>	32.7	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	91	fL	83.0-101.0	
P C V <i>(Calculated)</i>	33.4	%	36.0-50.0	Low
Peripheral Blood Smear (Morphology) <i>(Leishman Stain & Microscopy)</i>	RBCs are normochromic normocytic. WBC morphology normal. Platelets adequate.		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	170	10 ³ /μL	150.0-450.0	

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HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
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Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203242304	Reported On	08/03/2024 15:41
Collected On	08/03/2024 13:08	Ward & Bed No	
Received On	08/03/2024 13:57		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	101.0	mg/dL	70.0-140.0	

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Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203242208	Reported On	08/03/2024 12:23
Collected On	08/03/2024 09:21	Ward & Bed No	
Received On	08/03/2024 10:03		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F (Blood) (Hexokinase)	91.00	mg/dL	74.0-106.0	

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Name	Mrs RITA MONDAL	Age / Gender	53 Years 0 Months 12 Days / FEMALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3503240429	Reported On	08/03/2024 14:02
Collected On	08/03/2024 10:36	Ward & Bed No	
Received On	08/03/2024 11:41		

CLINICAL PATHOLOGY

Sample Type Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE (Physical, Chemical and Microscopic study)				
Quantity	50ML		-	
Colour	WATERY		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.005	--	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	OCCASIONAL		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

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Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3203242206	Reported On	08/03/2024 13:56
Collected On	08/03/2024 09:21	Ward & Bed No	
Received On	08/03/2024 10:03		

BIOCHEMISTRY

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	0.64	mg/dL	0.55-1.02	
LIPID PROFILE				
Cholesterol Total <i>(CHOD PAP)</i>	205.0	mg/dL	125.0-200.0	High
Triglycerides <i>(Enzymatic (with peroxidase))</i>	194.0	mg/dL	0.0-150.0	High
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	49.0	mg/dL	30.0-50.0	
LDL Cholesterol <i>(Calculated)</i>	117.0	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	39.0	mg/dL	10.0-30.0	High
LIVER FUNCTION TEST				
Bilirubin Total <i>(Jendrassik DPD)</i>	0.8	mg/dL	0.2-1.0	
Bilirubin Direct <i>(Jendrassik DPD)</i>	0.2	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	100.0	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	21.0	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	15.0	U/L	16.0-63.0	Low
G.G.T. <i>(IFCC GCNA)</i>	26.0	U/L	15.0-85.0	
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	7.66	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	4.61	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	3.05	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	1.51	- -	-	
T3 T4 TSH				
T3 <i>(ECLIA)</i>	1.22		0.8-2.0 ng/mL	
T4 <i>(ECLIA)</i>	8.44		5.1-14.1 µg/dL	
TSH (3rd Generation) <i>(ECLIA)</i>	1.99		0.27-4.2 µIU/mL	
URIC ACID <i>(Uricase Method)</i>	4.1	mg/dL	2.5-6.2	
Urea (Blood) <i>(Urease method)</i>	23.0	mg/dL	15.0-38.66	

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Received On	08/03/2024 10:03		

BIOCHEMISTRY

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
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Patient ID	C0000510503	Patient Name	RITA MONDAL
Gender	Female	Age	53Y
Procedure Name	USG - WHOLE ABDOMEN	Study DateTime	2024-03-08 09:47:52
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

USG OF WHOLE ABDOMEN

Liver : is normal in size and parenchymal echotexture. PV is 10 mm & CBD is 4 mm. 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 : 93 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / mass / hydronephrosis is seen.
Right kidney measures : 90 mm. Left kidney measures : 97 mm.

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

Uterus : Small and atrophied.

IMPRESSION : Normal study.

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



Dr. Shilpi Pandey
MBBS, CBET
Sonologist

Patient ID	C0000510503	Patient Name	RITA MONDAL
Gender	Female	Age	53Y
Procedure Name	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	Study DateTime	2024-03-08 11:28:47
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

DIMENSIONS:

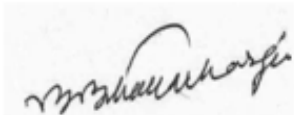
(Figures in the bracket in indicate the normal adult Values)

AoD:2.9	(2.0.-4.0) cms	DE:1.6	(1.5-2.5) cms
AoEX:1.7	(1.2-2.5) cms	EF:12.0	(5.0-15.0) cms
LA:2.6	(2.0-4.0) cms	EPSS:0.5	(0-1.0) cms
LVIDd: 4.4	(3.5-5.6) cms	IVS(d):0.8	(0.6-1.1) cms
LVIDs: 2.8	(2.4-4.2) cms	LVPW(d):0.8	(0.6-1.1) cms
RV (d): 1.3	(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)

Patient ID	C0000510503	Patient Name	RITA MONDAL
Gender	Female	Age	53Y
Procedure Name	DX Scan	Study DateTime	2024-03-08 09:29:00
Study Type	DX	Referring Physician	DR. MEDICAL OFFICER

Cranio-caudal & medio-lateral views of both mammary glands are taken .

Type of breasts : Type B

- Normal fibro glandular tissue is noted in both breast .
- No definite SOL or micro calcification seen on either breast .
- No architectural distortion is seen .
- Skin & nipple are normal .
- No lymph node is seen in both axilla .

CONCLUSION :

- **No obvious abnormality detected. BIRADS 1**

INFORMATION REGARDING MAMMOGRAMS

1.The American College of Radiology Breast Imaging Reporting And Data System (ACR BIRADS) classifies the findings of mammography into six categories -

BIRADS 0 : Need additional imaging evaluation (e.g. magnification mammography , extra views , USG etc .)

BIRADS 1 : Negative for malignancy .

BIRADS 2 : Benign findings .

BIRADS 3 : Probably benign .

BIRADS 4 : Suspicious abnormality .

BIRADS 5 : Highly suggestive of malignancy .

BIRADS 6 : Known biopsy – proven malignancy .

2.A report that is negative for malignancy should not delay biopsy if there is a dominant or clinically suspicious mass .

3.In dense breast , an underlying mass lesion may be obscured .

4.False positive diagnosis of cancer may occur in a small percentage of case.



Dr. Anasua Chattopadhyay

MBBS, MD (Gold Medalist)

Radiologist

This is a digitally signed valid document. Reported Date/Time: 2024-03-09 15:27:45