

**DEPARTMENT OF PATHOLOGY ALLIED SERVICES**

MRNO	C0000501084	IP No.	OP-001
Name	Mr NRIPEN DALAL	Age / Gender	46 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3201243250	Reported On	12/01/2024 15:12
Collected On	12/01/2024 10:23	Ward & Bed No	
Received On	12/01/2024 11:15		

**BIOCHEMISTRY**

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.2	%	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**  
 MD (Pathology)  
 Consultant Pathologist

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

**Dr. Saikat Pal**  
 DNB (Microbiology)  
 Senior Resident Microbiology

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

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<b>Name</b>	Mr NRIPEN DALAL	<b>Age / Gender</b>	46 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM12012400106	<b>Reported On</b>	12/01/2024 17:02
<b>Collected On</b>	12/01/2024 10:23	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	12/01/2024 11:15		

**HEMATOLOGY**

**Sample Type** Whole Blood

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

**Note :**

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*Ashik Mullik*  
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<b>Name</b>	Mr NRIPEN DALAL	<b>Age / Gender</b>	46 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM12012400105	<b>Reported On</b>	12/01/2024 15:59
<b>Collected On</b>	12/01/2024 10:23	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	12/01/2024 11:15		

### 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>14.3</b>	gm/dL	12.0-17.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	<b>4.82</b>	10 <sup>6</sup> / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	<b>4900.0</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>05</b>		-	
RDW <i>(Calculated)</i>	<b>13.7</b>	%	11.0-14.5	
M C H <i>(Calculated)</i>	<b>29.7</b>	pg/mL	27.0-32.0	
M C H C <i>(Calculated)</i>	<b>33.1</b>	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	<b>90</b>	fL	83.0-101.0	
P C V <i>(Calculated)</i>	<b>43.3</b>	%	37.0-47.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain &amp; Microscopy)</i>	<b>RBC: Normochromic normocytic. WBC: Normal morphology. Platelets: Adequate.</b>		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	<b>150</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>	HEM12012400105	<b>Reported On</b>	12/01/2024 15:59
<b>Collected On</b>	12/01/2024 10:23	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	12/01/2024 11:15		

**HEMATOLOGY**

**Sample Type** Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
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Name	Mr NRIPEN DALAL	Age / Gender	46 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3201243308	Reported On	12/01/2024 17:14
Collected On	12/01/2024 13:27	Ward & Bed No	
Received On	12/01/2024 13:43		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	85.0	mg/dL	70.0-140.0	

Note :

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Name	Mr NRIPEN DALAL	Age / Gender	46 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3201243251	Reported On	12/01/2024 13:52
Collected On	12/01/2024 10:23	Ward & Bed No	
Received On	12/01/2024 11:15		

**BIOCHEMISTRY**

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F ( Blood ) (Hexokinase)	87.0	mg/dL	74.0-106.0	

Note :

---- End of Report ----

  
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<b>Name</b>	Mr NRIPEN DALAL	<b>Age / Gender</b>	46 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3201243249	<b>Reported On</b>	12/01/2024 14:52
<b>Collected On</b>	12/01/2024 10:23	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	12/01/2024 11:15		

### BIOCHEMISTRY

**Sample Type** Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	<b>1.03</b>	mg/dL	0.7-1.3	
<b>LIPID PROFILE</b>				
Cholesterol Total <i>(CHOD PAP)</i>	<b>215.0</b>	mg/dL	125.0-200.0	High
Triglycerides <i>(Enzymatic (with peroxidase))</i>	<b>155.0</b>	mg/dL	0.0-150.0	High
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	<b>33.0</b>	mg/dL	30.0-50.0	
LDL Cholesterol <i>(Calculated)</i>	<b>151.0</b>	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	<b>31.0</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>62.0</b>	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	<b>20.0</b>	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	<b>32.0</b>	U/L	16.0-63.0	
G.G.T. <i>(IFCC GCNA)</i>	<b>24.0</b>	U/L	15.0-85.0	
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	<b>7.37</b>	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	<b>4.63</b>	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	<b>2.74</b>	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	<b>1.69</b>	N/A	-	
<b>PROTEIN TOTAL</b>				
Protein Total ( Method - Biuret )	<b>7.37</b>	gm/dL	6.3-8.2	
Albumin ( Method - BCG Dye Binding )	<b>4.63</b>	g/dL	3.5-5.0	
Globulin ( Method -Derived )	<b>2.74</b>	gm/dL	1.8-3.6	
A : G	<b>1.69</b>		-	
<b>T3 T4 TSH</b>				
T3 <i>(ECLIA)</i>	<b>1.03</b>		0.8-2.0 ng/mL	
T4 <i>(ECLIA)</i>	<b>5.48</b>		5.1-14.1 µg/dL	
TSH ( 3rd Generation) <i>(ECLIA)</i>	<b>1.99</b>		0.27-4.2 µIU/mL	

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Name	Mr NRIPEN DALAL	Age / Gender	46 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3201243249	Reported On	12/01/2024 14:52
Collected On	12/01/2024 10:23	Ward & Bed No	
Received On	12/01/2024 11:15		

**BIOCHEMISTRY**

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
URIC ACID <i>(Uricase Method)</i>	<b>6.1</b>	mg/dL	3.5-8.5	
Urea (Blood) <i>(Urease method)</i>	<b>19.0</b>	mg/dL	15.0-38.66	

Note :

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<b>Name</b>	Mr NRIPEN DALAL	<b>Age / Gender</b>	46 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3501240612	<b>Reported On</b>	12/01/2024 16:16
<b>Collected On</b>	12/01/2024 11:22	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	12/01/2024 11:42		

**CLINICAL PATHOLOGY**

**Sample Type** Urine

Parameter	Result	Units	Biological Reference Interval	Flag
<b>URINE ROUTINE</b> (Physical, Chemical and Microscopic study)				
Quantity	<b>15ML</b>		-	
Colour	<b>WATERY</b>		-	
Appearance	<b>CLEAR</b>		-	
Deposit	<b>NIL</b>		-	
Specific Gravity	<b>1.005</b>	--	1.003-1.033	
Albumin	<b>NIL</b>		-	
REACTION/ph	<b>7.5</b>	--	5.0-7.5	
Sugar	<b>NIL</b>		-	
Ketone Bodies	<b>NIL</b>		-	
Bilirubin	<b>NIL</b>		-	
Bile Salts	<b>NIL</b>		-	
Urobilinogen	<b>NORMAL</b>		-	
Chyle	<b>-</b>		-	
Blood	<b>NIL</b>		-	
RBC	<b>NIL</b>		-	
W B C	<b>1-2/HPF</b>		-	
Casts	<b>NIL</b>		-	
Crystals	<b>NIL</b>		-	
Macrophages	<b>NIL</b>		-	
Epithelial Cells	<b>NIL</b>		-	
Fat Droplets	<b>NIL</b>		-	
Parasite	<b>NOT FOUND</b>		-	

**Note :**

---- End of Report ----

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Senior Resident Pathology

<b>Patient ID</b>	C0000501084	<b>Patient Name</b>	NRIPEN DALAL
<b>Gender</b>	Male	<b>Age</b>	45Y 11M
<b>Procedure Name</b>	USG - WHOLE ABDOMEN	<b>Study DateTime</b>	2024-01-12 11:10:40
<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 is 10 mm & CBD is 5 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 102 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / hydronephrosis is seen. A cortical cyst measuring 35 x 32 mm is seen in the left kidney.  
Right kidney measures : 101 mm. Left kidney measures : 105 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 marginally enlarged in size with normal parenchymal echogenicity.  
Size ( 32 x 38 x 39 mm ) and weight 25 gms.

### **IMPRESSION :**

- **Cortical cyst in left kidney.**
- **Marginally enlarged prostate.**

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



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

<b>Patient ID</b>	C0000501084	<b>Patient Name</b>	NRIPEN DALAL
<b>Gender</b>	Male	<b>Age</b>	45Y 11M
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2024-01-12 15:09:56
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**DIMENSIONS:**

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

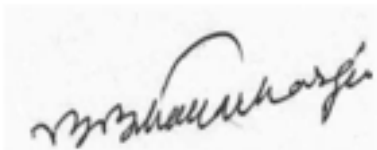
AoD:3.1	(2.0.-4.0) cms	DE:1.3	(1.5-2.5) cms
AoEX:1.6	(1.2-2.5) cms	EF:11.0	(5.0-15.0) cms
LA:3.2	(2.0-4.0) cms	EPSS:0.5	(0-1.0) cms
LVIDd: 5.0	(3.5-5.6) cms	IVS(d):1.1	(0.6-1.1) cms
LVIDs: 2.9	(2.4-4.2) cms	LVPW(d):1.0	(0.6-1.1) cms
RV (d): 1.2	(0.6-2.3) cms	LVEF: 62%	

Other MV flow E/A: 1.2

**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.

**Please correlate clinically.**



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

<b>Patient ID</b>	C0000501084	<b>Patient Name</b>	NRIPEN DALAL
<b>Gender</b>	Male	<b>Age</b>	45Y 11M
<b>Procedure Name</b>	DX Scan	<b>Study DateTime</b>	2024-01-12 10:38:00
<b>Study Type</b>	DX	<b>Referring Physician</b>	DR. MEDICAL OFFICER

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

Lung fields are clear.

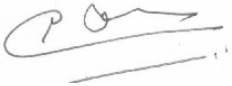
Both hila are normal.

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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45 Years

Male

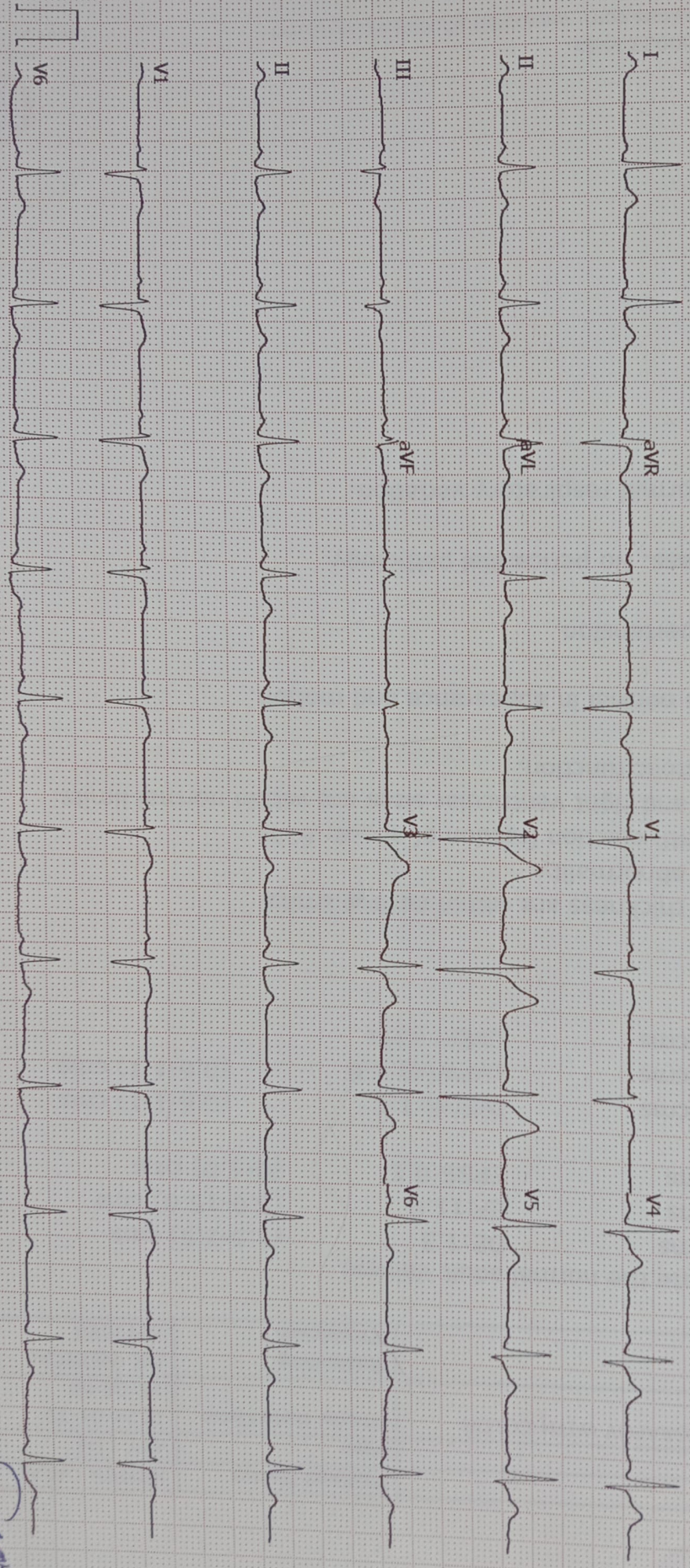
12.01.2024 13:34:43  
CMR  
7/2 Diamond Ho  
Kolkata-700027

69 bpm  
mmHg

QRS : 92 ms  
QT / QTcbaz : 370 / 396 ms  
PR : 150 ms  
P : 118 ms  
RR / PP : 872 / 869 ms  
P / QRS / T : 48 / 7 / 10 degrees

Normal sinus rhythm  
Normal ECG

Ref. Dr. MO  
Bed No: H/C  
REPORT DR.



GE MAC2000 1.1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2.5x3 25\_R3 1/1

confirmed  
*[Signature]*

