

## DIAGNOSTICS REPORT

Patient Name : Mr. Sourav Chakraborty  
Age/Sex : 31 Year(s)/Male  
UHID : NMHK.2118327  
Ref. Doctor : NMH

Order Date : 27/11/2021 11:07  
Report Date : 27/11/2021 16:53  
IP No :  
Facility : NARAYAN MEMORIAL  
HOSPITAL

Address : ANANDA NAGAR SOCIETY,  
BATANAGAR, Kolkata, West Bengal,  
700140

Mobile : 8240676217

### 2D ECHOCARDIOGRAPHY WITH M-MODE

#### MEASUREMENTS

##### 2D and M-Mode :

IVS (d)	10 mm	Aorta (at sinuses)	27 mm
LVID (d)	49 mm	LA diameter	34 mm
LVPW (d)	10 mm	RVID (d) - basal	15 mm
LVID (s)	34 mm	TAPSE	24 mm
LVEF	64%		

Estimated PASP = 22 mmHg

#### FINDINGS

##### Left Ventricle :

Cavity size : Normal.

Wall thickness : Normal.

Segmental wall motion : No abnormality found.

Global systolic function : Normal (EF = 64%)

Diastolic function : Normal

**Left Atrium** : Normal sized; no clot in body of appendage.

**Right Ventricle and Right Atrium** : Normal sized; normal RV systolic function.

**Mitral Valve** : Normal leaflets, good excursion, normal subvalvular apparatus. No regurgitation / No MS.

**Aortic valve** : Structurally normal, trileaflet, normal motion, no regurgitation.

**Pulmonary Valve** : Normal structure, adequate opening.

**Tricuspid Valve** : Normal structure, normal excursion. Trivial TR. TR gradient = 17

Behala Manton, 601 Diamond Harbour Road, Kolkata 700034

Ph : 033 6640 0000 | Mob : +91 62921 95051

E : contact@nmh.org.in

Follow us on    

www.narayanmemorialhospital.com

DIAGNOSTICS REPORT

Patient Name	: Mr. Sourav Chakraborty	Order Date	: 27/11/2021 11:07
Age/Sex	: 31 Year(s)/Male	Report Date	: 27/11/2021 16:53
UHID	: NMHK.2118327	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: ANANDA NAGAR SOCIETY, BATANAGAR, Kolkata, West Bengal, 700140	Mobile	: 8240676217

mmHg.

**Interarterial and Interventricular Septum** :No breach could be seen.

**Aorta** :Normal sized root and proximal aorta.

**Pulmonary Artery** :Normal, no pulmonary arterial hypertension.

**Pericardium** :Normal, no effusion.

**Inferior Vena Cava** :IVC normal diameter, > 50% respiratory variation.

**Others** :No thrombus, mass, vegetation seen.

**IMPRESSION:**

**Status of Patient :**

- \* No regional wall motion abnormality at rest.
- \* Good LV systolic function (EF = 64%).
- \* Good RV systolic function (TAPSE = 24 mm).
- \* Normal valve morphology.
- \* Normal LV diastolic function.
- \* No pericardial effusion.
- \* No pulmonary arterial hypertension.



**Dr.INDIRA BANERJEE ,  
MD,DNB,MRCPC (UK)**

Board Certified Comprehensive  
Echocardiographer (USA)

**DIAGNOSTICS REPORT**

Patient Name	: Mr. Sourav Chakraborty	Order Date	: 27/11/2021 11:07
Age/Sex	: 31 Year(s)/Male	Report Date	: 27/11/2021 16:31
UHID	: NMHK.2118327	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: ANANDA NAGAR SOCIETY, BATANAGAR,Kolkata, West Bengal, 700140	Mobile	: 8240676217

**ELECTROCARDIOGRAM REPORT (ECG)**

HR : 47 bpm  
Rhythm : Sinus  
P wave : Normal  
PR Interval : 132 msec  
QRS axis : Normal (17 Degree)  
QRS duration : 86 msec  
QRS configuration : Normal  
T wave : Non specific changes  
ST segment : Non specific changes  
QTc : 357 msec  
QT : 400 msec

**IMPRESSION:**

- Sinus Bradycardia. Normal QRS axis.
  - Non specific ST-T changes.
- Clinical correlation please.



**Dr.INDIRA BANERJEE ,**  
**MD,DNB,MRCPCH (UK)**

Board Certified Comprehensive  
Echocardiographer (USA)



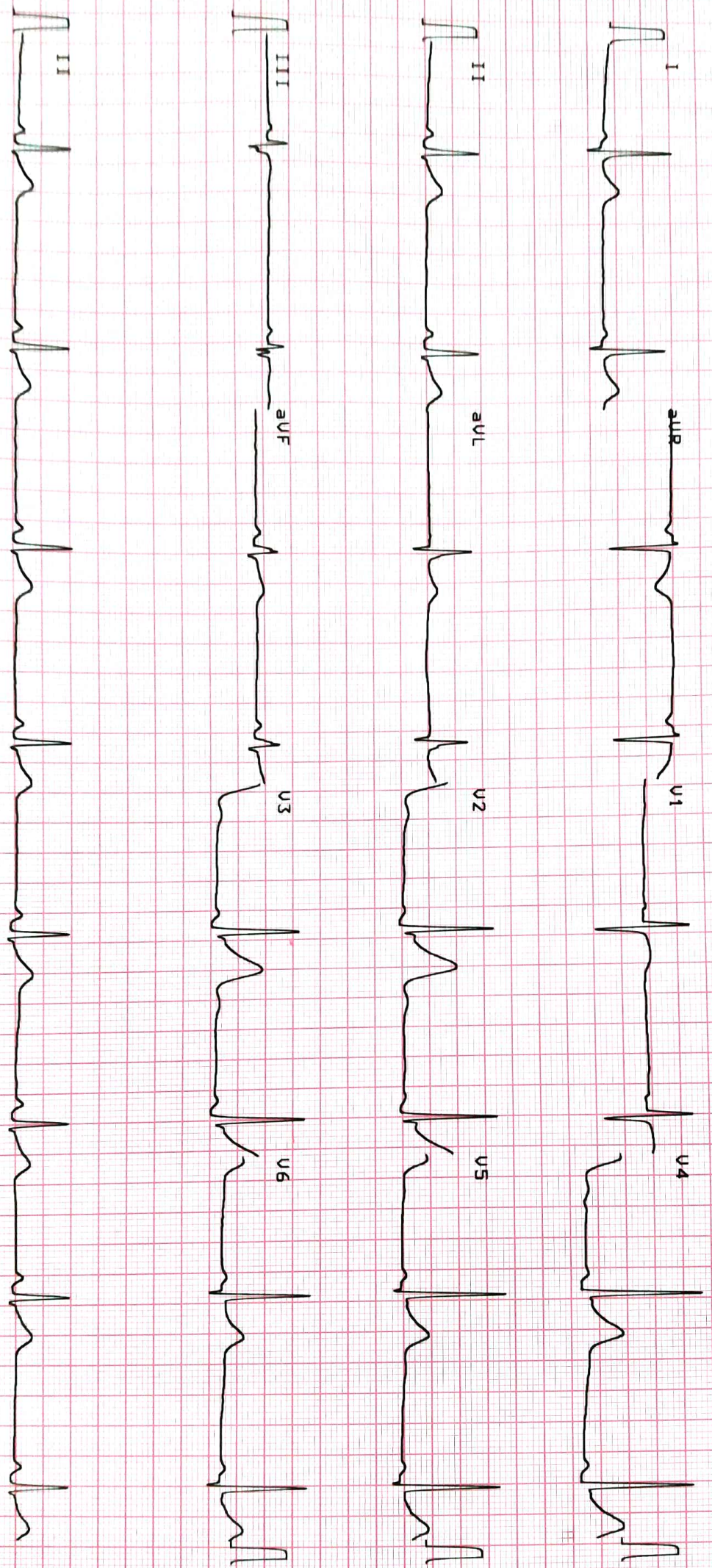
2110327  
 31 years / Male  
 cm / kg

Intervals:  
 RR 1275 ms  
 P 96 ms  
 PR 132 ms  
 QRS 86 ms  
 QT 400 ms  
 QTc 357 ms  
 (Bazett)  
 10 mm/mV

P 26 °  
 QRS 17 °  
 T 38 °  
 P (II) 0.15 mV  
 S (V1) -1.01 mV  
 R (V5) 2.22 mV  
 Sokol. 3.23 mV

INCOMPLETE RIGHT BUNDLE BRANCH BLOCK  
 OTHERWISE NORMAL ECG

UNCONFIRMED REPORT



10 mm/mV



## LABORATORY INVESTIGATION REPORT

<b>Patient Name</b> : Mr. Sourav Chakraborty	<b>Age/Sex</b> : 31 Year(s)/Male
<b>UHID</b> : NMHK.2118327	<b>Order Date</b> : 27/11/2021 11:07
<b>Episode</b> : OP	
<b>Ref. Doctor</b> : NMH	<b>Mobile No</b> : 8240676217
<b>Address</b> : ANANDA NAGAR SOCIETY , BATANAGAR Kolkata, West Bengal , 700140	<b>Facility</b> : NARAYAN MEMORIAL HOSPITAL

### Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049067	Collection Date : 27/11/21 11:47	Ack Date :	Report Date : 27/11/21 18:34

#### KIDNEY FUNCTION TEST

##### SERUM CREATININE

###### SAMPLE : SERUM

SERUM CREATININE	0.8	mg/dl	0.7 - 1.2
<i>Jaffe Gen2 Compensated</i>			

##### BLOOD UREA NITROGEN

BLOOD UREA NITROGEN	10.2	mg/dl	6 - 20
<i>Calculated</i>			

##### URIC ACID

###### SAMPLE : SERUM

URIC ACID	6.2	mg/dl	3.4 - 7
<i>Enzymatic Colorimetric</i>			

#### LIVER FUNCTION TEST ( LFT )

##### SAMPLE : SERUM

TOTAL BILIRUBIN	0.5 ▲	mg/dl	<1.1
<i>Diazo Method</i>			
DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.2
<i>Diazo Method</i>			
INDIRECT BILIRUBIN	0.3	mg/dl	0.2 - 0.9
<i>Calculated</i>			
SGPT (ALT)	41 ▲	U/L	0 - 34
<i>IFCC Without Pyridoxal Phosphate</i>			
SGOT (AST)	27	U/L	0 - 31
<i>IFCC Without Pyridoxal Phosphate</i>			
ALKALINE PHOSPHATASE	106	U/L	53 - 128
<i>IFCC</i>			
TOTAL PROTEIN	7.4	g/dl	6.4 - 8.2
<i>Biuret</i>			
ALBUMIN	4.7	gm/dl	3.5 - 5.2
<i>Bromocresol Green</i>			
GLOBULIN	2.7	g/dl	2 - 3.5
<i>Calculated</i>			
ALBUMIN:GLOBULIN	1.7	-	1.1 - 2.5
<i>Calculated</i>			
GGT	24	U/L	8 - 61



LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Sourav Chakraborty  
 UHID : NMHK.2118327  
 Episode : OP  
 Ref. Doctor : NMH  
 Address : ANANDA NAGAR SOCIETY , BATANAGAR ,Kolkata,West Bengal ,700140

Age/Sex : 31 Year(s)/Male  
 Order Date : 27/11/2021 11:07  
 Mobile No : 8240676217  
 Facility : NARAYAN MEMORIAL HOSPITAL



Immunoassay

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049067	Collection Date : 27/11/21 11:47	Ack Date :	Report Date : 27/11/21 18:46

THYROID FUNCTION TEST

SAMPLE : SERUM

T3 ECLIA	1.31	ng/ml	0.60 - 1.80
T4 ECLIA	8.23	ug/dL	5.40 - 11.70
TSH ECLIA	1.46	uIU/ml	Adult Male - 0.27-5.50 Adult Female - 0.27-5.50 Newborns - <25 Upto 12 years - 0.3-5

Interpretations:

- For diagnostic purposes, the result should always be assessed in conjunction with the patient's medical history, clinical examinations and other findings.
- The assay is unaffected by icterus (Bilirubin < 701 µmol/L or < 41 mg/dL), hemolysis (Hb < 0.621 mmol/L or < 1 g/dL), lipemia (intralipid < 1500 mg/dL), biotin (< 102 nmol/L or < 25 ng/ml), IgG < 2 g/dL and IgM < 0.5 g/dL)
- There is no high dose hook effect at TSH concentrations upto 1000 µmol/ml.
- TSH values may be transiently altered because of non thyroidal illness like several infections, liver disease, renal and heart failure, several burns, trauma and surgery etc. Drugs that decrease TSH values e.g. L-dopa, Glucocorticoid drugs that increase TSH values e.g. Iodine, Lithium, Amiodarone.
- The assay is unaffected by icterus (bilirubin < 633 µmol/L or < 37 mg/dl), hemolysis (Hb < 1.4 mmol/L or < 2.3 g/dl), lipemia (triglycerides < 28.5 mmol/L or 2500 mg/dl) and biotin (< 409 nmol or < 100 ng/ml).
- The assay is unaffected by icterus (bilirubin < 599 µmol/L or < 35 mg/dl), hemolysis (Hb < 1.2 mmol/L or < 2.0 g/dl), lipemia (Intralipid < 1800 mg/dl) and biotin (< 123 nmol or < 30 ng/ml).

Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049067	Collection Date : 27/11/21 11:47	Ack Date :	Report Date : 27/11/21 16:04

BLOOD GROUPING & Rh TYPING

SAMPLE : EDTA BLOOD

BLOOD GROUP : 'A'  
 RH TYPE : POSITIVE

End of Report

Dr.S. Chatterjee  
 MD, MBBS, FAAC  
 (CONSULTANT BIOCHEMIST)

Dr.ANGKITA K. GHOSH  
 MBBS, MD(PATH)  
 (CONSULTANT PATHOLOGIST)  
 RegNo: 82734

Checked By





## LABORATORY INVESTIGATION REPORT

<b>Patient Name</b>	: Mr. Sourav Chakraborty	<b>Age/Sex</b>	: 31 Year(s)/Male
<b>UHID</b>	: NMHK.2118327	<b>Order Date</b>	: 27/11/2021 11:07
<b>Episode</b>	: OP	<b>Mobile No</b>	: 8240676217
<b>Ref. Doctor</b>	: NMH	<b>Facility</b>	: NARAYAN MEMORIAL HOSPITAL
<b>Address</b>	: ANANDA NAGAR SOCIETY , BATANAGAR : Kolkata, West Bengal , 700140		

### Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049067	Collection Date : 27/11/21 11:47	Ack Date :	Report Date : 27/11/21 16:04

#### COMPLETE HAEMOGRAM ( CBC )

##### SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB)	14.8	gm/dl	13 - 17
RBC COUNT	4.67	x10 <sup>6</sup> /ul	4.5 - 5.5
TOTAL WBC COUNT	7.5	10 <sup>3</sup> /cmm	4 - 10
PLATELET COUNT	170	10 <sup>3</sup> /cmm	150 - 410
PCV	44	%	40 - 50
MCV	94	fl	83 - 101
MCH	32	pg	27 - 32
MCHC	34	gm/dl	31.5 - 34.5
ESR	10	mm/hr	<=10

##### DIFFERENTIAL COUNT

NEUTROPHILS	59	%	40 - 80
LYMPHOCYTES	37	%	20 - 40
MONOCYTES	02	%	2 - 10
EOSINOPHILS	02 ▼	%	1 - 6
BASOPHILS	00	%	0 - 2

##### PERIPHERAL BLOOD SMEAR

RBC Normocytic normochromic

End of Report

*Angkita K. Ghosh*

**Dr. ANGKITA K. GHOSH**  
**MBBS, MD(PATH)**  
(CONSULTANT PATHOLOGIST)

RegNo: 82734

Checked By





**LABORATORY INVESTIGATION REPORT**

**Patient Name** : Mr. Sourav Chakraborty  
**UHID** : NMHK.2118327  
**Episode** : OP  
**Ref. Doctor** : NMH  
**Address** : ANANDA NAGAR SOCIETY , BATANAGAR ,Kolkata,West Bengal ,700140  
**Age/Sex** : 31 Year(s)/Male  
**Order Date** : 27/11/2021 11:07  
**Mobile No** : 8240676217  
**Facility** : NARAYAN MEMORIAL HOSPITAL

**Clinical Pathology**

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049089	Collection Date : 27/11/21 12:48	Ack Date :	Report Date : 27/11/21 16:57

**URINE FOR R/E**

**SAMPLE : URINE**

**PHYSICAL EXAMINATION**

VOLUME	50	ml	
COLOUR	PALE STRAW		
APPEARANCE	CLEAR		
SPECIFIC GRAVITY	1.010		1.010 - 1.030
REACTION(pH)	ACIDIC 6.5		

**CHEMICAL EXAMINATION**

SUGAR	ABSENT	ABSENT
ALBUMIN.	ABSENT	ABSENT
BLOOD	ABSENT	ABSENT
KETONE	ABSENT	ABSENT
BILE SALT	ABSENT	ABSENT
BILE PIGMENTS	ABSENT	ABSENT

**MICROSCOPIC EXAMINATION**

PUS CELLS	2-3 / HPF	<5/HPF
EPITHELIAL CELLS	1-2 / HPF	<20/HPF
RBC	NIL	
CAST	ABSENT	ABSENT
CRYSTAL	ABSENT	ABSENT

Please correlate clinically.

End of Report

*Angkita K. Ghosh*

**Dr.ANGKITA K. GHOSH**  
**MBBS, MD(PATH)**  
 (CONSULTANT PATHOLOGIST)

RegNo: 82734

Checked By



LABORATORY INVESTIGATION REPORT



Patient Name : Mr. Sourav Chakraborty  
UHID : NMHK.2118327  
Episode : OP  
Ref. Doctor : NMH  
Address : ANANDA NAGAR SOCIETY , BATANAGAR  
,Kolkata,West Bengal ,700140

Age/Sex : 31 Year(s)/Male  
Order Date : 27/11/2021 11:07  
Mobile No : 8240676217  
Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0049067A	Collection Date : 27/11/21 11:47	Ack Date :	Report Date : 27/11/21 18:34

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

SAMPLE : EDTA BLOOD

HBA1C 5.2 % Non-diabetic : 4-6  
By HPLC

1. HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose.
  2. HbA1c has been endorsed by clinical group & American Diabetes Association guidelines 2017, for diagnosis of Diabetes using a cut-off point of 6.5%.
  3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.
  4. Low HbA1c in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia(Specially in Severe iron deficiency anaemia and hemolytic), chronic renal failure and liver disease. Clinical correlation suggested.
  5. Interference of Haemoglobinopathies in HbA1c estimation.
    - a) For HbF>25%, an alternate platform(fructosamine) is recommended for testing of HbA1c.
    - b) Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.
- Note: Hemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy.  
c) Heterozygous state detected (D10/turbo is corrected for HbS and HbC trait).
6. For known diabetic patients, following values can be considered as a tool for monitoring the glycemic control:  
Excellent control:- 6 - 7%,  
Fair to good control:- 7 - 8%,  
Unsatisfactory control:- 8 - 10%  
Poor control >10%

End of Report

Dr.S. Chatterjee  
MD, MBBS, FAACC  
(CONSULTANT BIOCHEMIST)

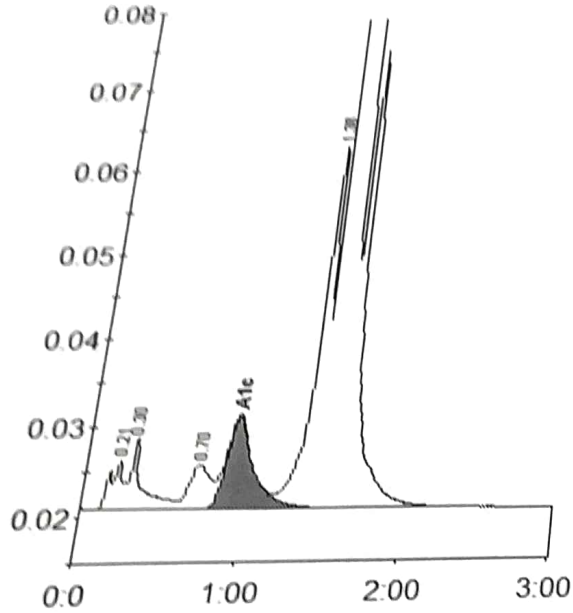
Checked By



**Client report**

Bio-Rad  
 D-10  
 S/N #DJ0A467747  
 Sample ID: 07H0049067A  
 Injection date: 27/11/2021 17:54  
 Injection #: 7  
 Rack #: ---  
 DATE: 28/11/2021  
 TIME: 12:27  
 Software version: 4.30-2  
 Method: HbA1c  
 Rack position: 7

Mr. Sourav Chakraborty  
 (R)NPHK 2118327 31y/ M  
 07H0049067A  
 EDTA Wt 27-11 11 47



Peak table - ID: 07H0049067A

Peak	R.time	Height	Area	Area %
Ala	0.21	5492	30716	1.0
Alb	0.30	8059	43487	1.4
LA1c/CHb-1	0.70	4960	44440	1.4
A1c	0.92	10452	120053	5.2
P3	1.38	43270	159903	5.1
A0	1.44	862212	2717138	87.2
Total Area:		3115736		

Concentration:	%	mmol/mol
A1c	5.2	33

## DIAGNOSTICS REPORT

KOLKATA

Patient Name	: Mr. Sourav Chakraborty	Order Date	: 27/11/2021 11:07
Age/Sex	: 31 Year(s)/Male	Report Date	: 27/11/2021 12:40
UHID	: NMHK.2118327	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: ANANDA NAGAR SOCIETY, BATANAGAR, Kolkata, West Bengal, 700140	Mobile	: 8240676217

### USG REPORT OF WHOLE ABDOMEN (SCREENING)

**LIVER** : Liver is normal in size and parenchymal echotexture. Intrahepatic biliary radicles are not dilated. No focal mass lesion is seen.

**PORTA :PV** : Normal. PV measures 1.0 cm.

**CD** : Normal . CD measures 0.4 cm.

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

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

**SPLEEN** :Spleen is not enlarged and parenchyma shows normal homogeneous pattern.

**KIDNEYS** :Both kidneys are normal in size, shape, outline, position and parenchymal echogenicity. Corticomedullary differentiation maintained. No evidence of any calculus/ mass / hydronephrosis is seen. Right kidney measures : 9.1 cm & Left kidney measures : 8.7 cm.

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

**PROSTATE** : Prostate is normal size, outline and echotexture appear normal. No focal lesion is seen. Prostate measures 3.0 cm x 2.9 cm x 2.7 cm. It weight approx 13.7 gm.



**DIAGNOSTICS REPORT**

Patient Name	: Mr. Sourav Chakraborty	Order Date	: 27/11/2021 11:07
Age/Sex	: 31 Year(s)/Male	Report Date	: 27/11/2021 12:40
UHID	: NMHK.2118327	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: ANANDA NAGAR SOCIETY, BATANAGAR, Kolkata, West Bengal, 700140	Mobile	: 8240676217

**PERITONEUM** : : No free fluid is noted.

**RETROPERITONEUM** : IVC and aorta appear normal. No lymphadenopathy is seen.

**IMPRESSION** : Normal study.



**Dr. MADHUSHREE RAY NASKAR ,**  
**MBBS,DMRD**

Consultant Radiologist

RegNo: 57032

**DIAGNOSTICS REPORT**

Patient Name	: Mr. Sourav Chakraborty	Order Date	: 27/11/2021 11:07
Age/Sex	: 31 Year(s)/Male	Report Date	: 27/11/2021 19:55
UHID	: NMHK.2118327	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: ANANDA NAGAR SOCIETY, BATANAGAR, Kolkata, West Bengal, 700140	Mobile	: 8240676217

**CHEST X-RAY REPORT OF PA VIEW**

Lung fields are clear. No focal parenchymal opacity is seen.

No appreciable pleural thickening / calcification is noted.

Costo-phrenic angles are normal.

Cardiac shadow appears normal.

Bilateral hilar shadows are normal.

No obvious bony abnormality is seen.



**Dr.MADHUSHREE RAY NASKAR ,**  
**MBBS,DMRD**

Consultant Radiologist

RegNo: 57032