

### CHECK LIST

NAME	Chandan Kumar	PATHOLOGY/PP
OP	2200599	ECG/PFT
AGE		ECHO/TMT
DATE		USG / CXR
PACKAGE		URINE / STOOL
REFERRED BY		MAMMO/ PAP
HT	170 cm.	EYE/ DENTAL
WT	83 kg	GP CONSULTATION
BP	120/80 b/m.	DIETITION
PULSE	59 b/m.	CARDIOLOGIST
WAIST	95	GYNECOLOGIST
HIP	99	DENTAL
RESPIRATORY RATE		
CHEST (INHALE)	114	
CHEST (EXHALE)	110	
ABDOMEN	101	

100  
110  
120  
130  
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490  
500



## LABORATORY INVESTIGATION REPORT

**Patient Name** : Mr. Chandan Kumar

**UHID** : NMHK.2200599

**Episode** : OP

**Ref. Doctor** : NMH

**Address** : P-34, NIRMALYA APPT, UNIQUE PARK , BEHALA ,  
Kolkata, West Bengal , 700034

**Age/Sex** : 34 Year(s)/Male

**Order Date** : 11/03/2023 10:18

**Mobile No** : 9168321777

**DOB** : 28/12/1988

**Facility** : NARAYAN MEMORIAL HOSPITAL

### Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
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Sample No : 07H0106070      Collection Date : 11/03/23 10:28      Ack Date : 11/03/2023 14:05      Report Date : 13/03/23 13:06

#### SERUM CREATININE

##### SAMPLE : SERUM

SERUM CREATININE      0.8      mg/dl      0.7 - 1.2  
*Jaffe Gen2 Compensated*

#### BLOOD UREA NITROGEN

BLOOD UREA NITROGEN      09      mg/dl      6 - 20  
*Calculated*

#### URIC ACID

##### SAMPLE : SERUM

URIC ACID      6.8      mg/dl      3.4 - 7  
*Enzymatic Colorimetric*

##### SAMPLE : SERUM

RESULT      11.2

Sample No : 07H0106070B      Collection Date : 11/03/23 10:28      Ack Date : 11/03/2023 14:06      Report Date : 13/03/23 13:06

#### BLOOD SUGAR(F)

##### SAMPLE : PLASMA

BLOOD SUGAR FASTING      96      mg/dl      70 - 109  
*Hexokinase*

Sample No : 07H0106132B      Collection Date : 11/03/23 14:26      Ack Date : 11/03/2023 15:59      Report Date : 13/03/23 13:06

#### BLOOD SUGAR(PP)

##### SAMPLE : PLASMA

BLOOD SUGAR PP      89      mg/dl      70 - 140  
*Hexokinase*

End of Report





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**Age/Sex** : 34 Year(s)/Male

**Order Date** : 11/03/2023 10:18

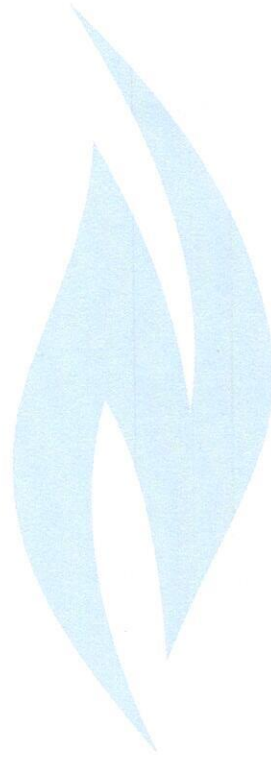
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**Dr.S. Chatterjee**  
MD, MBBS, FAACC  
(CONSULTANT BIOCHEMIST)

Checked By







## LABORATORY INVESTIGATION REPORT

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### Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 14:05	Report Date : 13/03/23 13:06

#### LIVER FUNCTION TEST ( LFT )

##### SAMPLE : SERUM

TOTAL BILIRUBIN <i>Diazo Method</i>	0.5	mg/dl	0 - 1.1
DIRECT BILIRUBIN <i>Diazo Method</i>	0.2	mg/dl	0 - 0.2
INDIRECT BILIRUBIN <i>Calculated</i>	0.3	mg/dl	0.2 - 0.9
SGPT (ALT) <i>IFCC Without Pyridoxal Phosphate</i>	107 ▲	U/L	0 - 34
SGOT (AST) <i>IFCC Without Pyridoxal Phosphate</i>	58 ▲	U/L	0 - 31
ALKALINE PHOSPHATASE <i>IFCC</i>	70	U/L	53 - 128
TOTAL PROTEIN <i>Biuret</i>	7.4	g/dl	6.4 - 8.2
ALBUMIN <i>Bromocresol Green</i>	4.8	gm/dl	3.5 - 5.2
GLOBULIN <i>Calculated</i>	2.6	g/dl	2 - 3.5
ALBUMIN:GLOBULIN <i>Calculated</i>	1.8	-	1.1 - 2.5
GGT <i>Enzymatic colorimetric assay</i>	30	U/L	8 - 61







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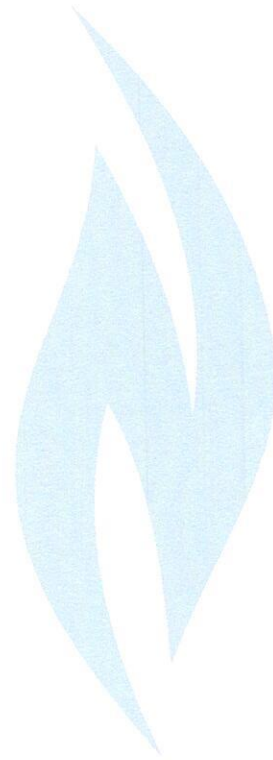
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End of Report

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### Biochemistry

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Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 14:05	Report Date : 13/03/23 13:06

#### LIPID PROFILE

##### SAMPLE : SERUM

TOTAL CHOLESTEROL	159	mg/dl	Desirable <200   Borderline 200-239   High >=240
<i>CHOD-PAP</i>			
HDL CHOLESTEROL	37 ▼	mg/dl	40 - 60
<i>Homogenous Enzymatic Colorimetric</i>			
LDL CHOLESTEROL	97	mg/dl	Optimal < 100   Borderline 130
<i>Homogenous Enzymatic Colorimetric</i>			
VLDL	25	mg/dl	0 - 30
<i>CALCULATED</i>			
CHOLESTEROL-HDL RATIO	4.30	-	
LDL-HDL RATIO	2.62	-	
TRIGLYCERIDES	179	mg/dl	Desirable <150   Borderline 150 - 200   High >200

*Enzymatic Colorimetric*

End of Report

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### Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 11:30	Report Date : 11/03/23 15:24

#### COMPLETE HAEMOGRAM ( CBC )

##### SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB)	12.7 ▼	gm/dl	13 - 17
<i>Colorimetric method (Cyn Meth)</i>			
RBC COUNT	4.5	$\times 10^6/\text{ul}$	4.5 - 5.5
<i>Electrical Impedance Method</i>			
TOTAL WBC COUNT	7.7	$10^3/\text{cmm}$	4 - 10
<i>Electrical Impedance Method</i>			
PLATELET COUNT	210	$10^3/\text{cmm}$	150 - 410
<i>Electrical Impedance Method</i>			
PCV	39 ▼	%	40 - 50
<i>RBC pulse ht. detection method</i>			
MCV	87	fl	83 - 101
<i>calculated</i>			
MCH	28	pg	27 - 32
<i>Calculated</i>			
MCHC	33	gm/dl	31.5 - 34.5
<i>Calculated</i>			
ESR	20 ▲	%	0 - 10
<i>Modified Westergren Method</i>			
<b><u>DIFFERENTIAL COUNT</u></b>			
NEUTROPHILS	57	%	40 - 80
<i>Microscopy</i>			
LYMPHOCYTES	32	%	20 - 40
<i>Microscopy</i>			
MONOCYTES	04	%	2 - 10
<i>Microscopy</i>			





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EOSINOPHILS

07 ▲

%

1 - 6

*Microscopy*

BASOPHILS

00

%

0 - 2

*Microscopy*

### PERIPHERAL BLOOD SMEAR

RBC

Normocytic normochromic.

WBC

Within normal limits.

PLATELET

Adequate.

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. Chandan Kumar

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### Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 11:30	Report Date : 11/03/23 15:50

#### BLOOD GROUPING & Rh TYPING

##### SAMPLE : EDTA BLOOD

BLOOD GROUP

' AB '

*Agglutination forward & Reverse*

RH TYPE

POSITIVE

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. Chandan Kumar

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**UHID** : NMHK.2200599

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### Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 14:05	Report Date : 13/03/23 13:06

#### THYROID FUNCTION TEST

##### SAMPLE : SERUM

T3 ECLIA	1.2	ng/ml	0.60 - 1.80
T4 ECLIA	7.46	ug/dL	5.40 - 11.70
TSH	1.97	uIU/ml	Adult Male – 0.27-5.50 Adult Female – 0.27-5.50 Newborns - <25 Upto 12 years – 0.3-5

ECLIA

##### 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  $\mu\text{mol/L}$  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  $\mu\text{mol/ml}$ .
- 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  $\mu\text{mol/L}$  or < 37 mg/dl), hemolysis (Hb < 1.4 mmol/L or < 2.3 g/dl), lipemia (triglycerid es < 28.5 mmol/L or 2500 mg/dl) and biotin (< 409 nmol or < 100 ng/ml).
- The assay is unaffected by icterus (bilirubin < 599  $\mu\text{mol/L}$  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).

End of Report



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

Checked By





## LABORATORY INVESTIGATION REPORT

**Patient Name** : Mr. Chandan Kumar

**Age/Sex** : 34 Year(s)/Male

**UHID** : NMHK.2200599

**Order Date** : 11/03/2023 10:18

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### Clinical Pathology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106070	Collection Date : 11/03/23 10:28	Ack Date : 11/03/2023 15:28	Report Date : 13/03/23 17:22

#### URINE FOR R/E

##### SAMPLE : URINE

##### PHYSICAL EXAMINATION

VOLUME	45	ml	
COLOUR	PALE YELLOW		
APPEARANCE	CLEAR		
SPECIFIC GRAVITY	1.005		1.010 - 1.030
REACTION(pH)	ACIDIC (pH - 6.0)		

##### 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	1-2/HPF		<5/HPF
EPITHELIAL CELLS	0-2/HPF		<20/HPF
RBC	ABSENT		ABSENT
CAST	ABSENT		ABSENT
CRYSTAL	ABSENT		ABSENT

Please correlate clinically.

End of Report

*Angkita K. Ghosh*

Dr. ANGKITA K. GHOSH  
MBBS, MD(PATH)





## DIAGNOSTICS REPORT

Patient Name	: Mr. Chandan Kumar	Order Date	: 11/03/2023 10:18
Age/Sex	: 34 Year(s)/Male	Report Date	: 11/03/2023 17:25
UHID	: NMHK.2200599	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-34, NIRMALYA APPT, UNIQUE PARK, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 9168321777

### USG REPORT OF WHOLE ABDOMEN (SCREENING)

**LIVER** : Liver is normal in size (15 cm) and **raised parenchymal echogenicity**. Intrahepatic biliary radicles are not dilated. No focal mass lesion is seen.

**PORTA :PV** : Normal. PV measures 0.7 cm.  
**CBD** : Normal.

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

**PANCREAS** : Visualised head of pancreas is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated.

**SPLEEN** : Spleen is not enlarged and parenchyma shows normal homogeneous pattern. Spleen measures : 10.2 cm.

**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 : 10.6 cm x 4.7 cm & Left kidney measures : 11.0 cm x 5.3 cm.

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







## DIAGNOSTICS REPORT

Patient Name	: Mr. Chandan Kumar	Order Date	: 11/03/2023 10:18
Age/Sex	: 34 Year(s)/Male	Report Date	: 11/03/2023 17:25
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**PROSTATE** : Prostate is normal size, outline and echotexture appear normal. No focal lesion is seen. Prostate measures 2.3 cm x 3.8 cm x 2.5 cm. It weight approx 12 gm.

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

**RETROPERITONEUM** : IVC and aorta appear normal.

**IMPRESSION** : Grade I fatty liver.

Dr.Sayani Mahal , MD Radiology  
(AIIMS),PDCC (AIIMS)

RegNo: 74369





## DIAGNOSTICS REPORT

Patient Name	: Mr. Chandan Kumar	Order Date	: 11/03/2023 10:18
Age/Sex	: 34 Year(s)/Male	Report Date	: 11/03/2023 13:34
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### 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. Sayani Mahal, MD Radiology (AIIMS), PDCC (AIIMS)

RegNo: 74369





## DIAGNOSTICS REPORT

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### ECHOCARDIOGRAPHY (SCREENING)

#### Status of Patient :

- \* No regional wall motion abnormality at rest.
- \* Good LV systolic function (EF = 65%).
- \* Good RV systolic function (TAPSE = 22 mm).
- \* Trivial TR. TR gradient = 16 mmHg.
- \* Normal valve morphology.
- \* Normal LV diastolic function.
- \* No pericardial effusion.
- \* No pulmonary arterial hypertension.
- \* IVC normal diameter & > 50% respiratory variation.
- \* No thrombus, mass, vegetation seen.

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

Board Certified Comprehensive  
Echocardiographer (USA)





## DIAGNOSTICS REPORT

Patient Name	: Mr. Chandan Kumar	Order Date	: 11/03/2023 10:18
Age/Sex	: 34 Year(s)/Male	Report Date	: 11/03/2023 14:46
UHID	: NMHK.2200599	IP No	:
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Address	: P-34, NIRMALYA APPT, UNIQUE PARK, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 9168321777

### ELECTROCARDIOGRAM REPORT (ECG)

HR	: 63 bpm
Rhythm	: Sinus
P wave	: Normal
PR Interval	: 166 msec
QRS axis	: Left axis ( - 3 Degree)
QRS duration	: 88 msec
QRS configuration	: Normal
T wave	: Non specific changes
ST segment	: Non specific changes
QTc	: 388 msec
QT	: 376 msec

#### IMPRESSION:

- Sinus rhythm with APCs.
  - Left QRS axis.
  - Non specific ST-T changes.
- Clinical correlation please.

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

Board Certified Comprehensive  
Echocardiographer (USA)





CHANDAN KUMAR

2200599

Male

34 years

..... cm / ..... kg

HR 63/min

Axis: P 38 °

SINUS RHYTHM  
ATRIAL PREMATURE COMPLEX(ES)  
LEFTWARD AXIS  
OTHERWISE NORMAL ECG

Intervals:  
RR 950 ms

P 114 ms

PR 166 ms

QR5 88 ms

QT 376 ms

QTc 388 ms

(Bazett)

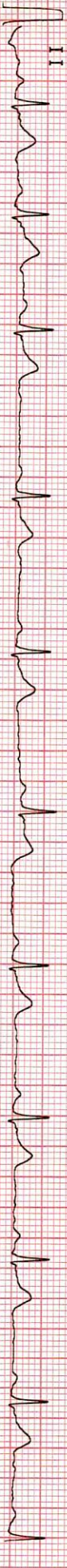
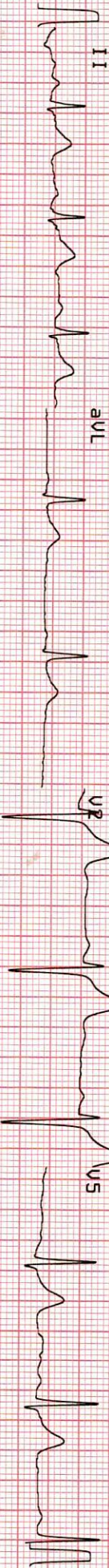
10 mm/mV

QRS -3 °

T 16 °

6.02

UNCONFIRMED REPORT



10 mm/mV

10 mm/mV

25 mm/s

0.05-25 Hz FS0

SSF SB5

11.03.2023

13:36:58

NARAYAN MEMORIAL  
HOSPITAL, BEHALP

RT-102plus 1.25, C4

