Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:40 AM Reported On: 16/03/2023 11:08 AM

Barcode: 802303160336 Specimen: Serum Consultant: EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-005 Patient Mobile No : 9504884554

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.46	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.32	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.14	-	-
Total Protein (Biuret Method)	7.50	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.40	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.1	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.42	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	79 H	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	120 H	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	90	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	83 H	U/L	15.0-73.0

Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

Syposh

CLINICAL CHEMISTRY

	CLINICAL CHE	IVIISTRY	
Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.80	mg/dL	0.66-1.25
eGFR	109.4	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	7.28 L	-	9.0-20.0
Serum Sodium (Direct ISE - Potentiometric)	136 L	mmol/L	137.0-145.0
Serum Potassium (Direct ISE - Potentiometric)	4.7	mmol/L	3.5-5.1
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	217 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic Endpoint Colorimetric)	158	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	35 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	182.0	-	-
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	156.8 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190

Patient Name : Mr PRASENJIT MANDAL	MRN: 17510000438486	Gender/Age : MA	ALE , 36y (07/01/1987)
VLDL Cholesterol (Calculated)	31.6	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	6.2	-	-

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

Syhosh

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
 (Lipid Profile, -> Auto Authorized)
 (Blood Urea Nitrogen (Bun), -> Auto Authorized)
 (Serum Sodium, -> Auto Authorized)
 (Serum Potassium, -> Auto Authorized)
 (CR -> Auto Authorized)



Clinical Biochemist MBBS, MD

Dr. Debasree Biswas

MD, Biochemistry



Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:40 AM Reported On: 16/03/2023 11:08 AM

Barcode: 802303160336 Specimen: Serum Consultant: EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-005 Patient Mobile No : 9504884554

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.42	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	7.34	μg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	5.050 H	uIU/mI	0.4001-4.049

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry

Biochemist M.Sc , Ph. D

Alphosh

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



Patient Name: Mr Prasanjeet Mandal MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 12:01 PM Received On: 16/03/2023 12:53 PM Reported On: 16/03/2023 01:26 PM

Barcode: 802303160684 Specimen: Plasma Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

CLINICAL CHEMISTRY

TestResultUnitBiological Reference IntervalPost Prandial Blood Sugar (PPBS) (Glucose
Oxidase, Peroxidase)122mg/dLNormal: 70-139
Pre-diabetes: 140-199
Diabetes: => 200
ADA standards 2019

Interpretations:

(ADA Standards Jan 2017)

FBS can be less than PPBS in certain conditions like post prandial reactive hypoglycaemia, exaggerated response to insulin, subclinical hypothyroidism, very lean/anxious individuals. In non-diabetic individuals, such patients can be followed up with GTT.

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry

Biochemist M.Sc, Ph. D

Dr. Debasree Biswas MD, Biochemistry

Clinical Biochemist MBBS, MD

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.

(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)





Patient Name: Mr Prasanjeet Mandal MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 10:55 AM Received On: 16/03/2023 11:52 AM Reported On: 16/03/2023 01:51 PM

Barcode: 822303160059 Specimen: Urine Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	40	ml	-
Colour	Colorless	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Mixed PH Indicator)	6.5	-	4.8-7.5
Sp. Gravity (Dual Wavelength Reflectance)	1.002	-	1.002-1.030
Protein (Protein Error Of PH Indicator)	Negative	-	-
Urine Glucose (Glucose Oxidase, Peroxidase)	Negative	-	Negative
Ketone Bodies (Legal's Method)	Negative	-	Negative
Bile Salts (Dual Wavelength Reflectance/Manual)	Negative	-	Negative
Bile Pigment (Bilirubin) (Coupling Of Bilirubin With Diazonium Salt)	Negative	-	Negative
Urobilinogen (Coupling Reaction Of Urobilinogen With A Stable Diazonium Salt In Buffer)	Normal	-	Normal
Urine Leucocyte Esterase (Enzymatic, Indoxyl Ester And Diazonium Salt)	Negative	-	Negative
Blood Urine (Pseudo - Enzymatic Test, Organic Peroxidase And Chromogen)	Negative	-	Negative
Nitrite (Modified Griess Reaction)	Negative	-	Negative

Patient Name: Mr Prasanjeet Mandal	MRN: 17510000438486	Gender/Age : MAL	E , 36y (07/01/1987)	
MICROSCOPIC EXAMINATION				
Pus Cells	0-2	/hpf	1-2	
RBC	NIL	/hpf	0 - 3	
Epithelial Cells	1-2	/hpf	2-3	
Crystals	NIL	-	-	
Casts	NIL	-	-	

--End of Report-

Dr. Shanaz Latif MD, Pathology

Consultant Pathology MBBS, DTM&H, DCP, MD .Reg No 41555 : WBMC

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:38 AM Reported On: 16/03/2023 10:14 AM

Barcode: 802303160338 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.3	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	105.41	-	-

Interpretation:

- 1. HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- 2. HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- 3. Any sample with >15% should be suspected of having a haemoglobin variant.

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:39 AM Reported On: 16/03/2023 10:14 AM

Barcode: 802303160337 Specimen: Plasma Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

CLINICAL CHEMISTRY

Test Result Unit **Biological Reference Interval** Normal: 70-99 Pre-diabetes: 100-125 Diabetes: => 126 ADA standards 2019 99 mg/dL Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry

Biochemist M.Sc, Ph. D

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically. (Fasting Blood Sugar (FBS) -> Auto Authorized)

Dr. Debasree Biswas MD, Biochemistry Clinical Biochemist MBBS, MD





Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:34 AM Reported On: 16/03/2023 11:10 AM

Barcode: 812303160240 Specimen: Whole Blood - ESR Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

HAEMATOLOGY LAB

Test Result Unit Biological Reference Interval

Erythrocyte Sedimentation Rate (ESR) 15 H mm/1hr 0.0-10.0

(Modified Westergren Method)

-- End of Report-

Dr. Sanjib Kumar Pattari

MD, Pathology Consultant Pathology MBBS, MD

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name: Mr PRASENJIT MANDAL MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 09:36 AM Reported On: 16/03/2023 09:56 AM

Barcode: 812303160241 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.4	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.93	millions/ μL	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	43.4	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	88.0	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.2	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.1	%	31.5-34.5
Red Cell Distribution Width (RDW) (Calculated)	13.7	%	11.6-14.0
Platelet Count (Electrical Impedance)	139 L	10 ³ /μL	150.0-400.0
Mean Platelet Volume (MPV) (Derived)	12.0 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.7	10 ³ /μL	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	57.2	%	40.0-75.0
Lymphocytes (VCSn Technology)	31.5	%	20.0-40.0
Monocytes (VCSn Technology)	8.5	%	2.0-10.0
Eosinophils (VCSn Technology)	2.5	%	1.0-6.0

Patient Name: Mr PRASENJIT MANDAL	MRN : 17510000438486	Gender/Age : MALE	: , 36y (07/01/1987)	
Basophils (VCSn Technology)	0.3	%	0.0-2.0	
NRBC (VCSn Technology)	0.1	/100 WBC	-	
Absolute Neutrophil Count (Calculated)	4.4	$10^3/\mu$ L	1.8-7.8	
Absolute Lympocyte Count (Calculated	2.43	$10^3/\mu$ L	1.0-4.8	
Absolute Monocyte Count (Calculated)	0.65	$10^3/\mu$ L	0.0-0.8	
Absolute Eosinophil Count (Calculated)	0.19	$10^3/\mu$ L	0.0-0.45	
Absolute Basophil Count (Calculated)	0.02	10 ³ /μL	0.0-0.2	

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

-- End of Report-

8

Dr. Rakhi Mandal MD, Pathology Consultant Pathology MBBS, MD

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Final Report

DEPARTMENT OF LABORATORY MEDICINE

Patient Name: Mr Prasanjeet Mandal MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 09:07 AM Received On: 16/03/2023 10:12 AM Reported On: 16/03/2023 02:38 PM

Barcode: BR2303160036 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

IMMUNOHAEMATOLOGY

Test Result Unit

BLOOD GROUP & RH TYPING

Blood Group (Column Agglutination Technology)

RH Typing (Column Agglutination Technology) Positive

-- End of Report-

Dr. Amal Kumar Saha MBBS, D.PED, ECFMG Blood Bank Officer

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name: Mr Prasanjeet Mandal MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

Collected On: 16/03/2023 10:55 AM Received On: 16/03/2023 11:51 AM Reported On: 16/03/2023 12:56 PM

Barcode: 822303160058 Specimen: Stool Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-005 Patient Mobile No: 9504884554

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
STOOL ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Present	-	-
Blood	Absent	-	-
CHEMICAL EXAMINATION			
Stool For Occult Blood	Negative	-	-
Reaction	Alkaline	-	-
MICROSCOPE EXAMINATION			
Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Trophozoite	Not Seen	-	-
Pus Cells	1-2	/hpf	1-2
Starch	Present	-	-
Veg Cells	Present	-	-
Fat	Absent	-	-
Larvae	Not Seen	-	-

Patient Name: Mr Prasanjeet Mandal MRN: 17510000438486 Gender/Age: MALE, 36y (07/01/1987)

-- End of Report-

Dr. Shanaz Latif MD, Pathology

Consultant Pathology MBBS, DTM&H, DCP, MD .Reg No 41555 : WBMC

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





ADULT TRANS-THORACIC ECHO REPORT

 PATIENT NAME
 : Mr PRASENJIT MANDAL
 PATIENT MRN
 : 17510000438486

 GENDER/AGE
 : Male, 36 Years
 PROCEDURE DATE
 : 16/03/2023 11:29 AM

LOCATION :- REQUESTED BY : EXTERNAL

• NO SIGNIFICANT ECHOCARDIOGRAPHIC ABNORMALITY DETECTED.

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL SIZED RIGHT ATRIUM : NORMAL SIZED

LEFT VENTRICLE : NORMAL SIZED CAVITY. NO REGIONAL WALL MOTION ABNORMALITY. GOOD LV

SYSTOLIC FUNCTION WITH EJECTION FRACTION: 66%. NORMAL DIASTOLIC FLOW

PATTERN.

RIGHT VENTRICLE : NORMAL.

VALVES

MITRAL : NORMAL.
AORTIC : NORMAL.
TRICUSPID : NORMAL.
PULMONARY : NORMAL.

SEPTAE

IAS : INTACT IVS : INTACT

ARTERIES AND VEINS

AORTA : NORMAL, LEFT AORTIC ARCH

PA : NORMAL SIZE

IVC : NORMAL SIZE & COLLAPSIBILITY

SVC & CS : NORMAL PULMONARY VEINS : NORMAL

PERICARDIUM : NORMAL PERICARDIAL THICKNESS. NO EFFUSION

INTRACARDIAC MASS : NO TUMOUR, THROMBUS OR VEGETATION SEEN

OTHERS : NIL.

Laugula Das

DR. SANGEETA DAS

CONSULTANT GENERAL MEDICINE MBBS

SANTASHI GHOSH SENIOR TECHNICIAN

16/03/2023 11:29 AM

 PREPARED BY
 : SHAWLI MITRA(307739)
 PREPARED ON
 : 16/03/2023 01:52 PM

 GENERATED BY
 : MADHUPARNA DASGUPTA(333433)
 GENERATED ON
 : 03/04/2023 09:13 AM

Patient Name	PRASENJIT MANDAL	Requested By	EXTERNAL
MRN	17510000438486	Procedure DateTime	2023-03-16 09:49:41
Age/Sex	36Y 2M/Male	Hospital	NH-RTIICS

USG OF WHOLE ABDOMEN (SCREENING)

LIVER:

It is mildly enlarged in size and moderately incresaed in echogenicity. No focal SOL is seen. The intrahepatic biliary radicles are not dilated.

PORTAL VEIN:

The portal vein is normal in calibre at the porta. There is no intraluminal thrombus. No collaterals are seen.

GALL BLADDER:

It is optimally distended. No calculus or sludge is seen within it. The wall is not thickened.

CBD:

The common duct is not dilated at porta. No intraluminal calculus is seen.

SPLEEN:

It is normal in size measuring 10.7 cm and echogenicity. No focal SOL is seen. The splenoportal axis is patent and is normal in dimensions.

PANCREAS:

It is normal in size and echogenicity. The duct is not dilated. No calcification or focal SOL is seen.

KIDNEYS:

Both kidneys are normal in size, position and echogenicity. The corticomedullary differentiation is maintained. No hydronephrosis, calculus or mass is seen.

Right kidney and left kidney measures 11.0 cm and 10.3 cm respectively.

URINARY BLADDER:

It is normal in capacity. The wall is not thickened. No intraluminal calculus or mass is seen.

PROSTATE:

It is normal in size measuring $3.1 \times 3.7 \times 3.4 \text{ cm}$ (Weight = 21 gms). It shows a homogenous echotexture and smooth outline.

IMPRESSION:

• Mild hepatomegaly with grade-II fatty change in liver.

NOT FOR MEDICO LEGAL PURPOSES

This is only a Radiological Impression and not Diagnosis. Like all diagnostic modalities, USG also has its limitations. Therefore USG report should be interpreted in correlation with clinical and pathological findings.

All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.

Assist By :Arpita

Dr. Lalan Kumar

Consultant Sonologist MBBS CBET (USG)

* This is a digitally signed valid document. Reported Date/Time: 2023-03-16 10:06:41

Patient Name	PRASENJIT MANDAL	Requested By	EXTERNAL
MRN	17510000438486	Procedure DateTime	2023-03-16 09:44:07
Age/Sex	36Y 2M/Male	Hospital	NH-RTIICS

CHEST RADIOGRAPH (PA VIEW)

FINDINGS:

- Trachea is normal and is central.
- The cardiac shadow is normal in contour.
- Mediastinum and great vessels are within normal limits.
- The hilar shadows are within normal limits.
- The costo-phrenic angles are clear.
- No significant lung parenchymal lesion is seen.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

• No significant radiological abnormality detected.

NOT FOR MEDICO LEGAL PURPOSES

This is only a Radiological Impression and not Diagnosis. Like all diagnostic modalities, X-RAY also has its limitations. Therefore X-RAY report should be interpreted in correlation with clinical and pathological findings.

All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.

Dr. Sarbari Chatterjee

Consultant Radiologist

* **This is a digitally signed valid document.** Reported Date/Time: 2023-03-16 11:46:28 Page 1 of 1