

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:54 AM Reported On : 23/06/2023 11:30 AM

Barcode : 812306230297 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	13.7	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.82	millions/ μ L	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	41.8	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	86.7	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.4	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.8	%	31.5-34.5
Red Cell Distribution Width (RDW) (Calculated)	14.7 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	225	$10^3/\mu$ L	150.0-400.0
Mean Platelet Volume (MPV) (Derived)	9.1	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	5.7	$10^3/\mu$ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	63.0	%	40.0-75.0
Lymphocytes (VCSn Technology)	28.7	%	20.0-40.0
Monocytes (VCSn Technology)	5.7	%	2.0-10.0
Eosinophils (VCSn Technology)	2.1	%	1.0-6.0

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Basophils (VCSn Technology)	0.5	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.6	$10^3/\mu\text{L}$	1.8-7.8
Absolute Lymphocyte Count (Calculated)	1.64	$10^3/\mu\text{L}$	1.0-4.8
Absolute Monocyte Count (Calculated)	0.33	$10^3/\mu\text{L}$	0.0-0.8
Absolute Eosinophil Count (Calculated)	0.12	$10^3/\mu\text{L}$	0.0-0.45
Absolute Basophil Count (Calculated)	0.03	$10^3/\mu\text{L}$	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--



Dr. Moumita Panja
DNB, Pathology
Consultant Pathologist

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 24/06/2023 01:01 PM Received On : 24/06/2023 01:31 PM Reported On : 24/06/2023 03:06 PM

Barcode : 822306240050 Specimen : Stool Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Present	-	-
Blood	NIL	-	-

CHEMICAL EXAMINATION

Stool For Occult Blood	Negative	-	-
Reaction	Alkaline	-	-
Others	NIL	-	-

MICROSCOPE EXAMINATION

Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Trophozoite	Not Seen	-	-
Red Blood Cells (Stool)	Not Seen	-	-
Pus Cells	Occasional	/hpf	1 - 2
Starch	Present	-	-
Veg Cells	Present	-	-

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Fat	Not Seen	-	-
Larvae	Not Seen	-	-
Bacteria	Present	-	-

--End of Report--



Dr. Sanjib Kumar Pattari
MD, Pathology
Consultant Pathology MBBS, MD. Reg No : 53635 (WBMC)

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DEPARTMENT OF LABORATORY MEDICINE

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Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:55 AM Reported On : 23/06/2023 12:34 PM

Barcode : 802306230471 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	1.06	mg/dL	0.66-1.25
eGFR	72.6	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	14.17	-	9.0-20.0
Serum Sodium (Direct ISE - Potentiometric)	142	mmol/L	137.0-145.0
Serum Potassium (Direct ISE - Potentiometric)	4.3	mmol/L	3.5-5.1
Prostate Specific Antigen (PSA) (CLIA)	0.349	ng/mL	0.0-3.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.50	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.29	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.21	-	-
Total Protein (Biuret Method)	8.00	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.90	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.1	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.59	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	31	U/L	17.0-59.0

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SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	28	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	61	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	14 L	U/L	15.0-73.0



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



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

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	210 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic Endpoint Colorimetric)	181	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	39 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	171	-	-
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	134.8 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	36.2	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	5.4	-	-

--End of Report--

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

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- Kindly correlate clinically.
(LFT, -> Auto Authorized)
(Serum Sodium, -> Auto Authorized)
(Blood Urea Nitrogen (Bun), -> Auto Authorized)
(Serum Potassium, -> Auto Authorized)
(CR, -> Auto Authorized)
(Prostate Specific Antigen (Psa) -> Auto Authorized)



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Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:55 AM Reported On : 23/06/2023 12:18 PM

Barcode : 802306230471 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.24	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	7.75	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	3.432	uIU/ml	0.4001-4.049

--End of Report--

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

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

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- (-> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 03:09 PM Received On : 23/06/2023 03:14 PM Reported On : 23/06/2023 04:03 PM

Barcode : 802306230820 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Peroxidase)	181 H	mg/dL	Normal: 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. Debasree Biswas
MD, Biochemistry
Clinical Biochemist MBBS, MD

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

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:54 AM Reported On : 23/06/2023 11:42 AM

Barcode : 802306230473 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	7.2 H	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	159.94	-	-

Interpretation:

- 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.
- 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.
- 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

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:55 AM Reported On : 23/06/2023 11:50 AM

Barcode : 802306230472 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	90	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: => 126 ADA standards 2019

--End of Report--

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

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

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 10:54 AM Reported On : 23/06/2023 01:19 PM

Barcode : 812306230296 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	10	mm/1hr	0.0-10.0

--End of Report--

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

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Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

Collected On : 23/06/2023 10:35 AM Received On : 23/06/2023 04:59 PM Reported On : 23/06/2023 06:44 PM

Barcode : 822306230053 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9073544992

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	50	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)	Present +++	-	-
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)	Trace	-	-
Nitrite (Modified Griess Reaction)	Negative	-	Negative

Patient Name : Mr Srimanta Maity MRN : 17510001194123 Gender/Age : MALE , 55y (08/04/1968)

MICROSCOPIC EXAMINATION

Pus Cells	0-2	/hpf	1-2
RBC	0-2	/hpf	0 - 3
Epithelial Cells	1-2	/hpf	2-3
Crystals	NIL	-	-
Casts	NIL	-	-

--End of Report--



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

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ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME : Mr Srimanta Maity
GENDER/AGE : Male, 55 Years
LOCATION : -

PATIENT MRN : 17510001194123
PROCEDURE DATE : 23/06/2023 03:00 PM
REQUESTED BY : EXTERNAL



IMPRESSION

- GOOD LV SYSTOLIC FUNCTION WITH GRADE I DIASTOLIC DYSFUNCTION.

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL SIZED
RIGHT ATRIUM : NORMAL SIZED
LEFT VENTRICLE : NORMAL SIZED CAVITY. NO REGIONAL WALL MOTION ABNORMALITY. GOOD SYSTOLIC FUNCTION WITH EJECTION FRACTION: 65%. GRADE I DIASTOLIC DYSFUNCTION.
RIGHT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION

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.

Sangita Das

MR SRIMANTA MAITY (17510001194123)

DR. SANGEETA DAS
CONSULTANT GENERAL MEDICINE MBBS

SHRABONI MONDAL
TECHNICIAN

23/06/2023 03:00 PM

PREPARED BY : NAFISHA KHATUN(333472)
GENERATED BY : BIPASHA BANERJEE(302664)

PREPARED ON : 23/06/2023 03:53 PM
GENERATED ON : 27/06/2023 12:31 PM

Patient Name	Srimanta Maity	Requested By	EXTERNAL
MRN	17510001194123	Procedure DateTime	2023-06-23 18:29:18
Age/Sex	55Y 2M/Male	Hospital	NH-RTIICS

USG OF WHOLE ABDOMEN (SCREENING)

LIVER:

It is normal in size and mild increased 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 8.0 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:

Right kidney is low normal in size. Left kidney is normal in size. Both kidneys are normal in position and echogenicity. The corticomedullary differentiation is maintained. A small exophytic cyst measuring 1.5 x 1.4 cm seen at upper pole of right kidney. No hydronephrosis or calculus is seen.

Right kidney and left kidney measures 8.4 cm and 9.4 cm respectively.

URINARY BLADDER:

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

Post void residual urine is 21 cc.

PROSTATE:

It is mildly enlarged in size measuring 3.0 x 4.2 x 4.0 cm (Weight = 26 gms). It shows a homogenous echotexture and smooth outline.

IMPRESSION:

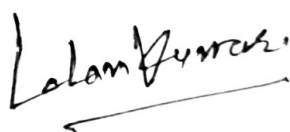
- Grade I fatty changes in liver.
- Right small exophytic cyst.
- Mild prostatomegaly.

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 :Kanta

A handwritten signature in black ink that reads "Lalan Kumar". Below the signature is a horizontal line with an arrow pointing to the left, indicating the signature is digital.

Dr. Lalan Kumar

Consultant Sonologist
MBBS CBET (USG)

* **This is a digitally signed valid document.** Reported Date/Time: 2023-06-23 18:45:35

Patient Name	Srimanta Maity	Requested By	EXTERNAL
MRN	17510001194123	Procedure DateTime	2023-06-23 11:03:19
Age/Sex	55Y 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.
- The lung fields and bronchovascular markings appear normal.
- 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.

A handwritten signature in purple ink, appearing to be 'Sc', located in the upper left quadrant of the page.

Dr. Sarbari Chatterjee
Consultant Radiologist