

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)

Collected On : 09/05/2023 10:19 AM Received On : 09/05/2023 10:21 AM Reported On : 09/05/2023 01:08 PM

Barcode : F92305090001 Specimen : Serum Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

IMMUNOLOGY

Test	Result	Unit	Biological Reference Interval
Prostate Specific Antigen (PSA) (Enhanced Chemiluminescence Immunoassay (CLIA))	0.332	ng/mL	0.0-2.5

--End of Report--

Dr. Samarpita Mukherjee
MBBS, MD Biochemistry
CONSULTANT

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)

Collected On : 09/05/2023 02:29 PM Received On : 09/05/2023 02:55 PM Reported On : 09/05/2023 09:59 PM

Barcode : F12305090152 Specimen : Plasma Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Hydrogen Peroxidase)	142 H	mg/dL	Normal: ≤140 Pre-diabetes: 141-199 Diabetes: => 200

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--

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Emergencies
9836-75-0808

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Collected On : 09/05/2023 10:19 AM Received On : 09/05/2023 10:21 AM Reported On : 09/05/2023 11:27 AM

Barcode : F12305090100 Specimen : Plasma Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Hydrogen Peroxidase)	83	mg/dL	Normal: 70-109 Pre-diabetes: 110-125 Diabetes: => 126

--End of Report--

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Barcode : F12305090101 Specimen : Whole Blood Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.5	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	111.15	-	-

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--

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MBBS, MD Biochemistry
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Collected On : 09/05/2023 10:19 AM Received On : 09/05/2023 12:00 PM Reported On : 09/05/2023 01:26 PM

Barcode : F32305090012 Specimen : Urine Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume (Visible)	35	ml	-
Colour (Visible)	Pale Yellow	-	-
Appearance (Visible)	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (Dual Wavelength Reflectance)	5.0	-	5.0-8.0
Sp. Gravity (Dual Wavelength Reflectance)	1.030	-	1.002-1.030
Protein (Dual Wavelength Reflectance/Acetic Acid Tes (Heat Test))	Absent	-	-
Urine Glucose (Dual Wavelength Reflectance /Benedict's Test)	Absent	-	-
Ketone Bodies (Dual Wavelength Reflectance /Manual)	Absent	-	Negative
Bile Salts (Dual Wavelength Reflectance/Hay's Test)	Absent	-	Negative
Bile Pigment (Bilirubin) (Dual Wavelength Reflectance/Fouchet's Test)	Absent	-	Negative
Urobilinogen (Dual Wavelength Reflectance /Ehrlich's Method)	Increased	-	-
Urine Leucocyte Esterase (Dual Wavelength Reflectance)	Present	-	Negative
Blood Urine (Dual Wavelength Reflectance)	Absent	-	-

Page 1 of 2

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Nitrite (Dual Wavelength Reflectance) Absent - -

MICROSCOPIC EXAMINATION

Pus Cells (Microscopy) 1-2/hpf - 1 - 2

RBC (Microscopy) Not Seen - 1-2/hpf

Epithelial Cells (Microscopy) 2-3/hpf - 2-3

Crystals (Microscopy) Not Seen - -

Casts (Microscopy) **Absent** - -

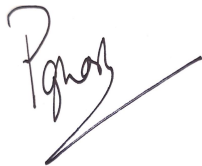
Bacteria Not Found - -

Yeast Cells Not Found - -

Mucus Not Found - -

Others (Microscopy) Nil - -

--End of Report--



Dr. Prithwijiit Ghosh
 MBBS, MD, Pathology
 Consultant Pathologist

Note

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- Kindly correlate clinically.



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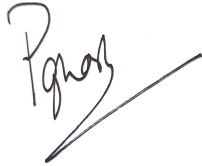
Barcode : F32305090012 Specimen : Urine Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar	Absent	-

--End of Report--



Dr. Prithwijit Ghosh
MBBS, MD, Pathology
Consultant Pathologist

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Barcode : F22305090080 Specimen : Whole Blood - ESR Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	28 H	mm/1hr	0.0-10.0

--End of Report--

Dr. Prithwijit Ghosh
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MC-5371

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ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME : Mr Gautam Ghosh
GENDER/AGE : Male, 46 Years
LOCATION : -

PATIENT MRN : 17600000238648
PROCEDURE DATE : 09/05/2023 12:07 PM
REQUESTED BY : Dr. Swarup Paul



IMPRESSION

- NORMAL SIZED LEFT VENTRICULAR CAVITY
- NO RWMA
- GOOD LEFT VENTRICULAR SYSTOLIC FUNCTION WITH LVEF 60 %
- GRADE I DIASTOLIC DYSFUNCTION
- GOOD RIGHT VENTRICULAR SYSTOLIC FUNCTION
- NO PULMONARY HYPERTENSION

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL
RIGHT ATRIUM : NORMAL
LEFT VENTRICLE : NORMAL SIZED LEFT VENTRICULAR CAVITY. NO RWMA. GOOD LEFT VENTRICULAR SYSTOLIC FUNCTION WITH LVEF 60 %. GRADE I DIASTOLIC DYSFUNCTION.
RIGHT VENTRICLE : NORMAL IN SIZE. GOOD RV SYSTOLIC FUNCTION, TAPSE 25 MM, TASV 13 CM/SEC

VALVES

MITRAL : MORPHOLOGICALLY NORMAL, TRIVIAL MITRAL REGURGITATION
AORTIC : MORPHOLOGICALLY NORMAL
TRICUSPID : MORPHOLOGICALLY NORMAL, TRIVIAL TR, TRPG 17 MMHG
PULMONARY : MORPHOLOGICALLY NORMAL

SEPTAE

IAS : INTACT
IVS : INTACT

ARTERIES AND VEINS

AORTA : NORMAL
PA : NORMAL , NO PULMONARY HYPERTENSION
IVC : IVC 8 MM WITH NORMAL RESPIRATORY VARIATION

PERICARDIUM : NORMAL

INTRACARDIAC MASS : NO INTRACARDIAC MASS OR THROMBUS SEEN IN TTE.

MR GAUTAM GHOSH (17600000238648)



DR. SANYAL SOUGATA
ASSOCIATE CONSULTANT

09/05/2023 12:07 PM

PREPARED BY : SURAJIT BISWAS(353011)
GENERATED BY : ABHIJIT DAS(346520)

PREPARED ON : 09/05/2023 12:10 PM
GENERATED ON : 10/05/2023 06:44 PM

690

Patient Name	Gautam Ghosh	Requested By	Dr. Swarup Paul
MRN	17600000238648	Procedure DateTime	2023-05-09 11:22:08
Age/Sex	46Y 6M/Male	Hospital	NH-BARASAT

X-RAY - CHEST (PA)

Lung fields appear normal.

Trachea is in situ

CP angles are clear.

Cardiac shadow is normal.

Suggested clinical correlation and further investigations



Dr. Subrata Sanyal
(Department of Radiology)

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Barcode : F32305090012 Specimen : Urine Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume (Visible)	35	ml	-
Colour (Visible)	Pale Yellow	-	-
Appearance (Visible)	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Dual Wavelength Reflectance)	5.0	-	5.0-8.0
Sp. Gravity (Dual Wavelength Reflectance)	1.030	-	1.002-1.030
Protein (Dual Wavelength Reflectance/Acetic Acid Tes (Heat Test))	Absent	-	-
Urine Glucose (Dual Wavelength Reflectance /Benedict's Test)	Absent	-	-
Ketone Bodies (Dual Wavelength Reflectance /Manual)	Absent	-	Negative
Bile Salts (Dual Wavelength Reflectance/Hay's Test)	Absent	-	Negative
Bile Pigment (Bilirubin) (Dual Wavelength Reflectance/Fouchet's Test)	Absent	-	Negative
Urobilinogen (Dual Wavelength Reflectance /Ehrlich's Method)	Increased	-	-
Urine Leucocyte Esterase (Dual Wavelength Reflectance)	Present	-	Negative
Blood Urine (Dual Wavelength Reflectance)	Absent	-	-

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)

Nitrite (Dual Wavelength Reflectance) Absent - -

MICROSCOPIC EXAMINATION

Pus Cells (Microscopy) 1-2/hpf - 1 - 2

RBC (Microscopy) Not Seen - 1-2/hpf

Epithelial Cells (Microscopy) 2-3/hpf - 2-3

Crystals (Microscopy) Not Seen - -

Casts (Microscopy) **Absent** - -

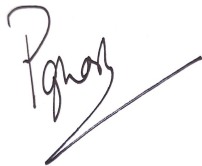
Bacteria Not Found - -

Yeast Cells Not Found - -

Mucus Not Found - -

Others (Microscopy) Nil - -

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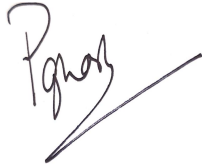
Barcode : F32305090012 Specimen : Urine Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar	Absent	-

--End of Report--



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Barcode : F12305090099 Specimen : Serum Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Enzymatic Method)	1.0	mg/dL	0.66-1.25
eGFR	80.5	mL/min/1.73m ²	-
Serum Sodium (ISE Direct)	142	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.4	mmol/L	3.5-5.1
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase Esterase Peroxidase)	185	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic End Point)	131	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Direct Measure, PTA /MgCl ₂)	53	mg/dL	Low: <40.0 mg/dL High: >60.0 mg/dL
Non-HDL Cholesterol	132.0	-	-
LDL Cholesterol (End Point)	102.90 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	26	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	3.5	-	-
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Dyphylline, Diazonium Salt)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Direct Measure)	0.1	mg/dL	0.0-0.3

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Unconjugated Bilirubin (Indirect) (Direct Measure)	0.4	mg/dL	0.3-1.3
Total Protein (Biuret, No Serum Blank, End Point)	7.4	g/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.2	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.2	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.3	-	1.0-2.1
SGOT (AST) (Multiple-point Rate)	38	U/L	17.0-59.0
SGPT (ALT) (Uv With P5p)	59 H	U/L	<50.0
Alkaline Phosphatase (ALP) (PMPP, AMP Buffer)	67	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (G-glutamyl-p-nitroanilide)	37	U/L	15.0-73.0
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (CLIA)	1.41	ng/mL	0.97-1.69
Thyroxine (T4) (CLIA)	10.3	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (CLIA)	2.958	µIU/mL	0.4-4.049

--End of Report--



Dr. Samarпита Mukherjee
MBBS, MD Biochemistry
CONSULTANT

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Barcode : F12305090099 Specimen : Serum Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Blood Urea Nitrogen (BUN) (Urease, UV)	10.73	mg/dL	9.0-20.0

--End of Report--

Dr. Samarпита Mukherjee
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CONSULTANT

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Barcode : F22305090079 Specimen : Whole Blood Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
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BLOOD GROUP & RH TYPING

Blood Group (Slide Technique And Tube Technique)	B	-	-
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RH Typing (Slide Technique And Tube Technique)	Positive	-	-
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COMPLETE BLOOD COUNT (CBC)

Haemoglobin (Hb%) (Cyanide-free Hemoglobin Method)	14.3	-	-
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Red Blood Cell Count (Impedance Variation)	4.84	millions/ μ L	4.5-5.5
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PCV (Packed Cell Volume) / Hematocrit (Impedance)	43.0	%	40.0-50.0
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MCV (Mean Corpuscular Volume) (Calculated)	89	fL	83.0-101.0
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MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.5	pg	27.0-32.0
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MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	g/dL	31.5-34.5
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Red Cell Distribution Width (RDW) (Impedance)	14.1 H	%	11.6-14.0
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Platelet Count (Impedance Variation/Microscopy)	165	Thousand / μ L	150.0-410.0
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Total Leucocyte Count(WBC) (Impedance Variation)	7.2	$\times 10^3$ cells/ μ l	4.0-10.0
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DIFFERENTIAL COUNT (DC)

Neutrophils (Impedance Variation And Absorbency /Microscopy)	53.9	%	40.0-80.0
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Lymphocytes (Impedance Variation And Absorbency /Microscopy)	41.6 H	%	20.0-40.0
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Narayana Multispeciality Hospital

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Hospital Address: 78, Jessore Road (South), Kolkata 700127, West Bengal

Email: info.brs.kolkata@narayanahealth.org | www.narayanahealth.org

Appointments

1800-309-0309 (Toll Free)

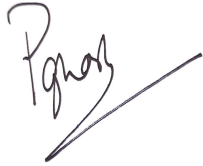
Emergencies

9836-75-0808

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)			
Monocytes (Impedance Variation And Absorbency /Microscopy)	2.2	%	2.0-10.0
Eosinophils (Impedance Variation And Absorbency /Microscopy)	2.2	%	1.0-6.0
Basophils (Impedance Variation And Absorbency /Microscopy)	0.1 L	%	1.0-2.0
Absolute Neutrophil Count	3.88	-	2.0-7.0
Absolute Lymphocyte Count	3	-	1.0-3.0
Absolute Monocyte Count	0.16 L	-	0.2-1.0
Absolute Eosinophil Count	0.16	-	0.02-0.5
Absolute Basophil Count	0.01 L	-	0.02-0.1

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. Prithwijiit Ghosh
 MBBS, MD, Pathology
 Consultant Pathologist

Note

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



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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)

Collected On : 09/05/2023 01:37 PM Received On : 09/05/2023 03:27 PM Reported On : 09/05/2023 04:44 PM

Barcode : F32305090018 Specimen : Stool Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9733861696

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Colour (Visible)	Brownish	-	-
Consistency (Visible)	Semi Solid	-	-
Mucus (Visible)	Present	-	-
Blood (Guaiac Method)	Absent	-	-

CHEMICAL EXAMINATION

Stool For Occult Blood (Standard Guaiac Method)	Negative	-	-
Reaction (pH Indicator Method)	Acidic	-	-

MICROSCOPE EXAMINATION

Ova (Microscopy)	Absent	-	-
Cyst Of Protozoa (Microscopy)	Absent	-	-
Red Blood Cells (Stool) (Microscopy)	Absent	-	-
Pus Cells (Microscopy)	1-2/hpf	-	1 - 2
Starch (Microscopy)	Absent	-	-
Veg Cells (Microscopy)	Present	-	-
Fat (Microscopy)	Absent	-	-
Bacteria	Present	-	-

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9836-75-0808

Patient Name : Mr Gautam Ghosh MRN : 17600000238648 Gender/Age : MALE , 46y (04/11/1976)

--End of Report--



Dr. Ruby Sarkar
MBBS, MD Pathology Consultant

Note

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



Patient Name	Gautam Ghosh	Requested By	Dr. Swarup Paul
MRN	17600000238648	Procedure DateTime	2023-05-09 11:43:25
Age/Sex	46Y 6M/Male	Hospital	NH-BARASAT

ULTRASONOGRAPHY OF WHOLE ABDOMEN

LIVER : It is normal in size (13.0 cm), shape and outline. **There is mild diffuse homogeneous increase of hepatic parenchymal echogenicity.** No focal SOL seen. IHBRs are not dilated.

CBD : It is not dilated, measuring – 4.1 mm at porta, visualized proximal lumen is clear. Distal CBD is obscured by bowel gas shadow.

PV : It appears normal, measuring – 10.9 mm at porta.

GALL BLADDER : It is partially distended. No evidence of intraluminal calculus or sludge is seen. Gall bladder wall is normal in thickness.

No pericholecystic collection or frank mass formation is seen.

SPLEEN : It is normal in size (10.7 cm), shape, outline & echotexture. No focal lesion seen.

PANCREAS : It is normal in size and echotexture . No focal lesion is seen. No calcification is seen. Main pancreatic duct is not dilated.

ADRENAL GLANDS : They are not enlarged.

KIDNEYS : Both kidneys are normal in size, shape, position and axis. Cortical echo is normal. Cortico-medullary differentiation is maintained.

No calculus or hydronephrosis is seen.

Perirenal fascial planes are intact.

Measures : Right kidney – 10.5 x 4.8 cm. Left kidney – 10.9 x 4.4 cm.

URETERS : They are not visualized as they are not dilated.

Aorta – Normal.

IVC – Normal

URINARY BLADDER : It is well distended. Wall is normal. No intraluminal pathology seen.

PROSTATE GLAND : It is normal in size, shape, outline & echotexture. Capsule is intact. Margin is regular. Median lobe is not enlarged.

Prostate measures : (3.4 x 2.9 x 3.2) cm Volume : 16 cc

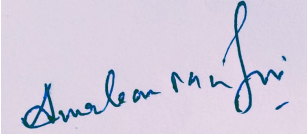
Both seminal vesicles appear normal.

No ascites seen.

IMPRESSION :

- **Grade I fatty liver.**

Advise : Clinical correlation & further relevant investigation suggested.

A handwritten signature in blue ink on a light purple background. The signature is cursive and reads "Anirban Majhi".

Dr. Anirban Majhi
MD (Radiodiagnosis)