

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Arnab Ghosh MRN : 17540000307500 Gender/Age : MALE , 33y (10/09/1989)

Collected On: 08/09/2023 10:07 AM Received On: 08/09/2023 10:21 AM Reported On: 08/09/2023 01:29 PM

Barcode : J12309080103 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

BIOCHEMISTRY				
Test	Result	Unit	Biological Reference Interval	
SERUM CREATININE				
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.87	mg/dL	0.66-1.25	
eGFR (Calculated By MDRD Formula)	101.1	mL/min/1.73m ²	Indicative for renal impairment: <60 Note: eGFR is inaccurate for Hemodynamically unstable patients . eGFR is not applicable for less than 18 years of age .	
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	13.08	mg/dL	9.0-20.0	
Serum Sodium (Direct ISE - Potentiometric)	142	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)	133	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240	
Triglycerides	63	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500	
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	45	mg/dL	40.0-60.0	
Non-HDL Cholesterol	88	-	-	
LDL Cholesterol (Colorimetric)	82.60	mg/dL	Both: Optimal: < 100 Both: Near to above optimal: 100-129 Both: Borderline High: 130-159 Both: High: 160-189 Both: Very High: > 190	

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Narayana Superspeciality Hospital	Appointments	
(A Unit of Meridian Medical Research & Hospital Ltd.) CIN U85110W81995PLC071440 Registered office : Andul Road, Podrah, Howrah 711 109	180-0309-0309 (Toll Free)	
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Patient Name: Arnab Ghosh MRN: 1754000030750	00 Gender/Age :	MALE , 33y (10/09/1989))
VLDL Cholesterol (Calculated)	12.6	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	3	-	-
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.7	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.2	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect)	0.5	-	-
Total Protein (Colorimetric - Biuret Method)	7.9	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.6	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.3	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.39	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal- 5-phosphate))	25	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	35	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	90	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	16	U/L	15.0-73.0

--End of Report-

Ritu buiya

Dr. Ritu Priya MBBS, MD, Biochemistry Consultant

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Note

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



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Collected On : 08/09/2023 10:07 AM Received On : 08/09/2023 10:21 AM Reported On : 08/09/2023 11:34 AM

Barcode : J22309080083 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

HAEMATOLOGY			
Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR)	7	mm/1hr	0.0-10.0

(Modified Westergren Method)

--End of Report-

Smita Priyam

Dr. Smita Priyam MBBS, MD, Pathology REGISTRAR

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Arnab Ghosh MRN : 17540000307500 Gender/Age : MALE , 33y (10/09/1989)

Collected On : 08/09/2023 02:29 PM Received On : 08/09/2023 02:30 PM Reported On : 08/09/2023 03:59 PM

Barcode : J12309080160 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

BIOCHEMISTRY			
Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose	100	mg/dL	Normal: 70-139 Pre-diabetes: 140-199
Oxidase, Peroxidase)			Diabetes: => 200 ADA standards 2019

Interpretations:

(ADA Standards Jan 2017)

PPBS can be less than FBS 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-

Ritu Briya

Dr. Ritu Priya MBBS, MD, Biochemistry Consultant

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Patient Name : Arnab Ghosh MRN : 17540000307500 Gender/Age : MALE , 33y (10/09/1989)

Collected On : 08/09/2023 10:07 AM Received On : 08/09/2023 10:21 AM Reported On : 08/09/2023 01:29 PM

Barcode : J12309080104 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

BIOCHEMISTRY				
Test	Result	Unit	Biological Reference Interval	
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	98	mg/dL	Both: Normal: 70-99 Both: Pre-diabetes: 100-125 Both: Diabetes: => 126 ADA standards 2019	

--End of Report-

Ritu Briya

Dr. Ritu Priya MBBS, MD, Biochemistry Consultant

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Collected On : 08/09/2023 10:07 AM Received On : 08/09/2023 10:21 AM Reported On : 08/09/2023 03:10 PM

Barcode : J32309080013 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

IMMONOLOGY			
Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri lodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.59	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	9.16	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.172	μIU/mL	0.4001-4.049

--End of Report-

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Arnab Ghosh MRN : 17540000307500 Gender/Age : MALE , 33y (10/09/1989)

Collected On : 08/09/2023 10:07 AM Received On : 08/09/2023 10:21 AM Reported On : 08/09/2023 02:07 PM

Barcode : J12309080105 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

BIOCHEMISTRY			
Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.3	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: 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-

Ritu Briya

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Arnab Ghosh MRN : 17540000307500 Gender/Age : MALE , 33y (10/09/1989)

Collected On : 08/09/2023 10:07 AM Received On : 08/09/2023 10:21 AM Reported On : 09/09/2023 11:01 AM

Barcode : L12309080005 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

NARAYANA SUPERSPECIALITY HOSPITAL BLOOD CENTRE

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	0	-
RH Typing	Positive	-

--End of Report-

Smita Priyom

Dr. Smita Priyam MBBS, MD, Pathology REGISTRAR

Note

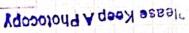
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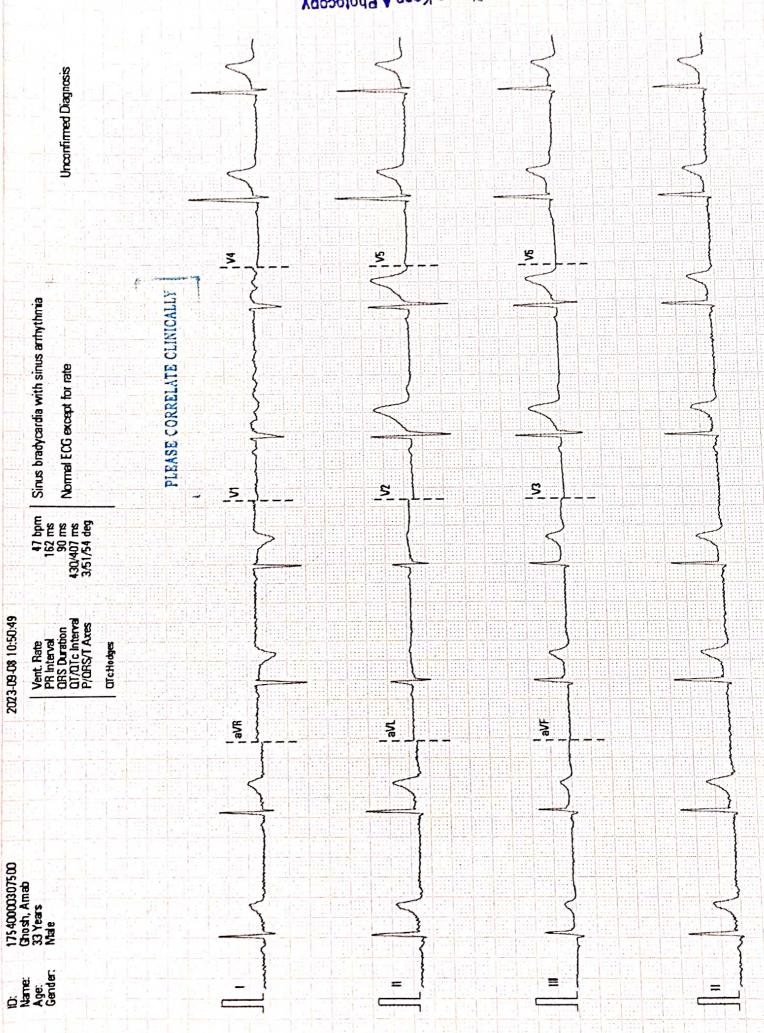
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1.9 BZV0001 CD





Patient details: Name:MR.ARNAB GHOSH Age: 33 YEARS Examination Date: 08.09.2023 Consultant Name:DR.

MRN:17540000307500 Superspeciality Hospital

Unit of Narayana Health

Gender:MALE Processed Date: 08.09.2023 Patient Location: OPD

ECHOCARDIOGRAPHY REPORT

MEASUREMENT:

AO: 32 (20-40) mm	LVID(d): 49 (36-52) mm	IVS(d): 09 (6-11) mm
LA: 38 (19-40) mm	LVID(s): 31 (23-39) mm	PWd: 09 (6-11) mm
RVOT: 25 mm	TAPSE: 20 mm	LVEF ~ 62 %

VALVES:

Aorta

Pulmonary Artery:

Mitral Valve	:	Normal
Aortic Valve	:	Normal
Tricuspid Valve	:	Normal
Pulmonary Valv	/e:	Normal
CHAMBERS (Dir	nens	ion)
	:	Normal
Right Atrium	:	Normal
Left Ventricle	:	Normal
Right Ventricle	:	Normal
SEPTAL		
IVS	:	Intact
IAS	:	Intact
GREAT ARTERIE	<u>S:</u>	
Aorta	:	Normal

Normal

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Regurgitation Velocity(in Mean Peak m/s) PG(mmHg) PG(mmHg) Mitral Trivial E-0.9 , A-0.7 Aortic 0/4 1.0 4.1 Tricuspid Trivial 2.3 22 Pulmonary 0.9 0/4 3.3

LVOT : No significant gradient noted.

Vegetation/Thrombus: Nil

- Pericardium : Normal
- Other Findings : E/E':08
- Final Diagnosis:

DOPPLER DATA:

Normal sized cardiac chambers. No significant regional wall motion abnormality of LV at rest. Normal LV systolic function. LV EF~ 62% Adequate LV diastolic compliance.

Clinical correlation please. NOTE: Echo of Patient: MR.ARNAB GHOSH MRN: 17540000307500 has been done on 08.09.2023 and reported on 08.09.2023



DR. SHAMICK SAHA Junior consultant

TB: K. DEB

TECHNICIAN MUSTARI





Patient Name	Arnab Ghosh	Requested By	EXTERNAL
MRN	17540000307500	Procedure DateTime	2023-09-08 12:17:15
Age/Sex	33Y 11M / Male	Hospital	NH-RAIPUR

ULTRASOUND OF WHOLE ABDOMEN (SCREENING)

CLINICAL INDICATION:

Health check up.

FINDINGS:

Liver: Normal in size, contour and echogenicity. No focal lesion is seen. Hepatic veins are normal in caliber and patent. No IHBRD is seen.

<u>GB & Biliary Tree:</u> GB is well distended. Tiny echogenic foci seen in gall bladder wall with comet tail artefacts seen posteriorly. No intraluminal calculus is noted. CBD is not dilated

Spleen: Normal in size and echogenicity. No focal lesion is seen

Pancreas: Pancreas to the extent visualized is normal.

Portal vein: The portal vein is normal in caliber. No intraluminal thrombus is seen.

Right kidney:

Normal in size measuring 10.0 cm in length. Cortical echogenicity is normal. Cortico-medullary differentiation is maintained. No calculus or hydronephrosis is seen.

Left Kidney: Normal in size measuring 10.2 cm in length. Cortical echogenicity is normal. Cortico-medullary differentiation is maintained. No calculus or hydronephrosis is seen.

Urinary Bladder: Well distended urinary bladder shows no wall thickening/ space occupying lesion or calculus.

<u>Prostate:</u> Measures : 2.8 x 3.6 x 2.4 , weight = 13.3 cc. Normal in size, shape and contour. No focal lesion is seen

Free Fluid - No free fluid is seen in abdomen.







IMPRESSION:

USG abdomen shows :

• Tiny echogenic foci in gall bladder wall with comet tail artefacts noted posteriorly --- adenomyomatosis.



Dr Poulomi Mitra, DMRD , MD Consultant Radiologist

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Collected On: 08/09/2023 10:07 AM Received On: 08/09/2023 10:21 AM Reported On: 08/09/2023 11:26 AM

Barcode : J22309080084 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9804646065

	HAEMATOLOGY			
Test	Result	Unit	Biological Reference Interval	
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	14.1	g/dL	13.0-17.0	
Red Blood Cell Count (Electrical Impedance)	4.90	millions/ µL	4.5-5.5	
PCV (Packed Cell Volume) / Hematocrit (Calculated)	43.8	%	40.0-54.0	
MCV (Mean Corpuscular Volume) (Derived)	89.5	fL	83.0-101.0	
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.8	pg	27.0-32.0	
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.1	%	31.5-34.5	
Red Cell Distribution Width (RDW)	14.5 H	%	11.6-14.0	
Platelet Count (Electrical Impedance)	188	Thous/Cumm	150.0-400.0	
Mean Platelet Volume (MPV)	10.6	fL	7.0-11.7	
Total Leucocyte Count(WBC) (Electrical Impedance)	5.3	-	4.0-10.0	
DIFFERENTIAL COUNT (DC)				
Neutrophils	55.6	%	40.0-75.0	
Lymphocytes (Fluorescent Flow Cytometry)	35.2	%	20.0-40.0	
Monocytes (Fluorescent Flow Cytometry)	7.2	%	2.0-10.0	
Eosinophils (Fluorescent Flow Cytometry)	1.4	%	1.0-6.0	

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			•
Basophils (Fluorescent Flow Cytometry)	0.6	%	0.0-2.0
NRBC	0.0	-	-
Absolute Neutrophil Count	2.95	-	-
Absolute Lymphocyte Count	1.87	-	-
Absolute Monocyte Count	0.39	-	-
Absolute Eosinophil Count	0.08	-	-
Absolute Basophil Count	0.04	-	-

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

--End of Report-

Smita Priyom

Dr. Smita Priyam MBBS, MD, Pathology REGISTRAR

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