

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Munna Hela MRN : 17650000240459 Gender/Age : MALE , 41y (09/08/1981)

Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 12:05 PM

Barcode : J22305270097 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	30 H	mm/1hr	0.0-10.0

--End of Report--



Dr. Smita Priyam
MBBS, MD, Pathology
REGISTRAR

Note

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



Narayana Superspeciality Hospital

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Appointments
180-0309-0309 (Toll Free)

Emergencies
83348 30003

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Patient Name : Munna Hela MRN : 17650000240459 Gender/Age : MALE , 41y (09/08/1981)

Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 12:15 PM

Barcode : J12305270125 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	93	mg/dL	Both: Normal: 70-99 Both: Pre-diabetes: 100-125 Both: Diabetes: => 126 ADA standards 2019

--End of Report--



Dr. Ritu Priya
MBBS, MD, Biochemistry
Consultant

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Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 12:03 PM

Barcode : J22305270098 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	14.3	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.60	millions/ µL	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.9	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived)	93.4	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	31.0	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	%	31.5-34.5
Red Cell Distribution Width (RDW)	14.5 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	320	Thous/Cumm	150.0-400.0
Mean Platelet Volume (MPV)	7.3	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	5.6	-	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils	58.5	%	40.0-75.0
Lymphocytes (Fluorescent Flow Cytometry)	31.5	%	20.0-40.0
Monocytes (Fluorescent Flow Cytometry)	6.3	%	2.0-10.0
Eosinophils (Fluorescent Flow Cytometry)	3.2	%	1.0-6.0

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Basophils (Fluorescent Flow Cytometry)	0.5	%	0.0-2.0
Absolute Neutrophil Count	3.3	-	-
Absolute Lymphocyte Count	1.7	-	-
Absolute Monocyte Count	0.3	-	-
Absolute Eosinophil Count	0.18	-	-
Absolute Basophil Count	0.03	-	-

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

--End of Report--



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Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 12:31 PM

Barcode : J12305270126 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

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:

- 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--



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Consultant

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Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 29/05/2023 09:29 AM

Barcode : L12305270006 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

NARAYANA SUPERSPECIALITY HOSPITAL BLOOD CENTRE

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

--End of Report--

Dr. Arnab Singha
MEDICAL OFFICER

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Patient Name : Munna Hela MRN : 17650000240459 Gender/Age : MALE , 41y (09/08/1981)

Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 07:24 PM

Barcode : J32305270012 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

IMMONOLOGY

Test	Result	Unit	Biological Reference Interval
Prostate Specific Antigen (PSA) (Enhanced Chemiluminescence Immunoassay (CLIA))	0.348	ng/mL	0.0-2.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.54	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	8.67	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	3.440	µIU/mL	0.4001-4.049

--End of Report--



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Collected On : 27/05/2023 10:33 AM Received On : 27/05/2023 10:51 AM Reported On : 27/05/2023 12:50 PM

Barcode : J12305270124 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9123012179

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.84	mg/dL	0.66-1.25
eGFR (Calculated By MDRD Formula)	100.7	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)	14.48	mg/dL	9.0-20.0
Serum Sodium (Direct ISE - Potentiometric)	140	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)	170	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides	48	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)	42	mg/dL	40.0-60.0
Non-HDL Cholesterol	128	-	-
LDL Cholesterol (Colorimetric)	112.05 H	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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VLDL Cholesterol (Calculated)	9.6	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	4	-	-

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.4	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect)	0.1	-	-
Total Protein (Colorimetric - Biuret Method)	7.5	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.4	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.21	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	31	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	41	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	77	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	38	U/L	15.0-73.0

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ID: 17650000240459
Name: MUNNA HELA
Age: 41 Years
Gender: Male

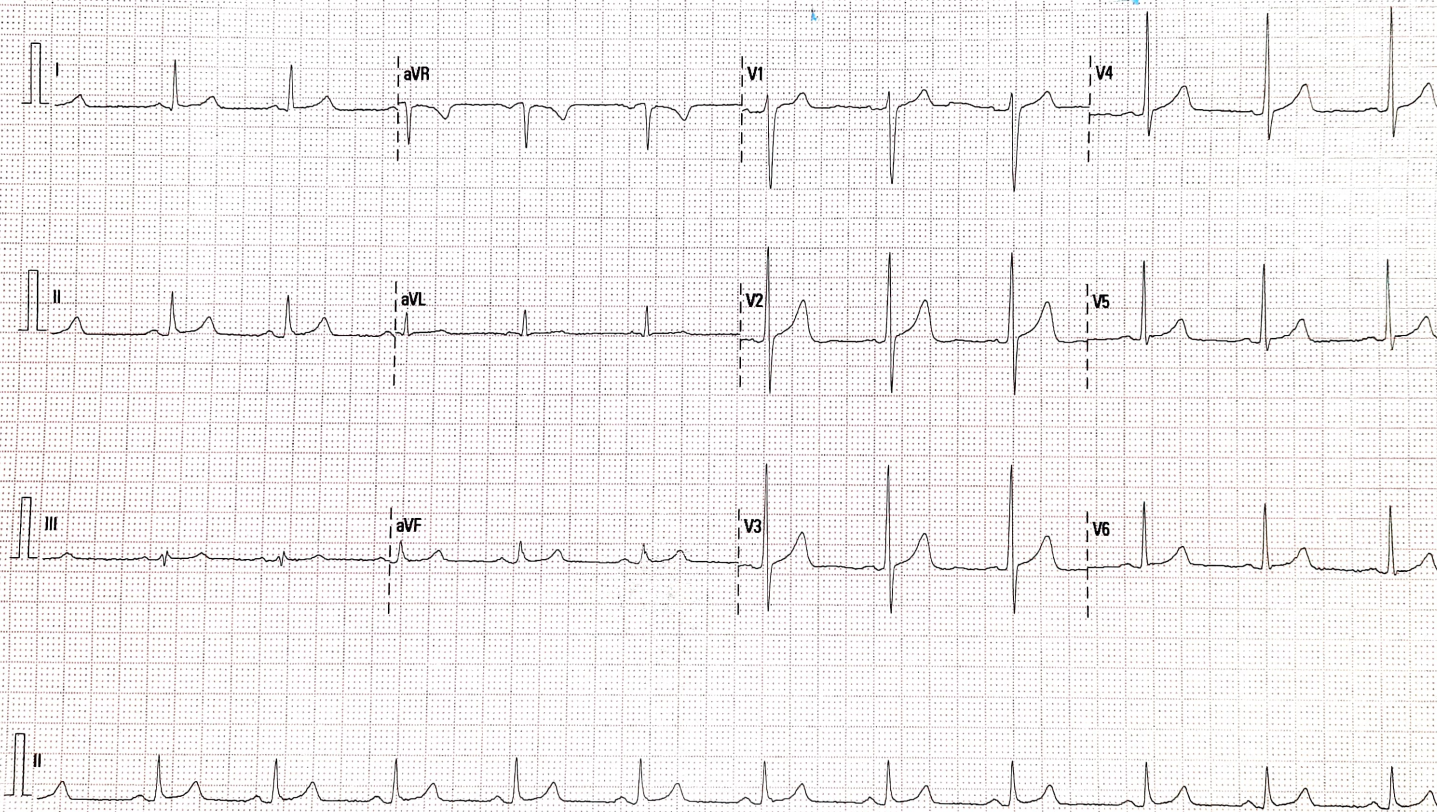
2023-05-27 11:02:13

Vent. Rate	68 bpm
PR Interval	152 ms
QRS Duration	78 ms
QT/QTc Interval	384/398 ms
P/QRS/T Axes	54/33/48 deg
QTc:Hodges	

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis

PLEASE CORRELATE CLINICALLY



Please Keep A Photocopy

Patient details:
Name:MR.MUNNA HELA
Age: 41 YEARS
Examination Date: 27.05.2023
Consultant Name:DR.

MRN:17650000240459
Gender:MALE
Processed Date: 27.05.2023
Patient Location: OPD

ECHOCARDIOGRAPHY REPORT**MEASUREMENT:**

AO: 30 (20-40) mm	LVID(d): 44 (36-52) mm	IVS(d): 10 (6-11) mm
LA: 35 (19-40) mm	LVID(s) : 28 (23-39) mm	PWd: 10 (6-11) mm
RVOT: 27 mm	TAPSE: 18 mm	LVEF ~ 62 %

VALVES:

Mitral Valve : Normal

Aortic Valve : Normal

Tricuspid Valve : Normal

Pulmonary Valve: Normal

CHAMBERS (Dimension)

Left Atrium : Normal

Right Atrium : Normal

Left Ventricle : Normal

Right Ventricle : Normal

SEPTAL

IVS : Intact

IAS : Intact

GREAT ARTERIES:

Aorta : Normal

Pulmonary Artery: Normal

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DOPPLER DATA:

	Velocity(in m/s)	Peak PG(mmHg)	Mean PG(mmHg)	Regurgitation
Mitral	E -1.0 , A - 0.9			0/4
Aortic	1.0	4.1		0/4
Tricuspid	1.9	15		Trivial
Pulmonary	0.7	2.3		0/4

LVOT : No significant gradient noted.

Vegetation/Thrombus: Nil

Pericardium : Normal

Other Findings : E/E':10

Final Diagnosis:


Normal size 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.MUNNA HELA

MRN: 17650000240459

has been done on 27.05.2023 and reported on 27.05.2023



DR. SHAMICK SAHA
Junior consultant

TECHNICIAN
YADAV

TB: K. DEB

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Patient Name	Munna Hela	Requested By	EXTERNAL
MRN	17650000240459	Procedure DateTime	2023-05-27 14:09:33
Age/Sex	41Y 9M / Male	Hospital	NH-NMH & NSH

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.

GB & Biliary Tree: GB is well distended. No intraluminal calculus or wall thickening is noted. CBD is not dilated

Spleen: Normal in size (11 cm) and echogenicity. No focal lesion is seen

Pancreas: Pancreas to the extent visualized is normal.

Portal vein: The portal vein is normal (10.8 mm) in caliber. No intraluminal thrombus is seen.

Right kidney:

Normal in size measuring 10.6 cm in length.
Cortical echogenicity is normal.
Cortico-medullary differentiation is maintained.
No calculus or hydronephrosis is seen.

Left Kidney:

Normal in size measuring 10.1 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.

Prostate: Normal in size (3.2 x 4.5 x 2.7 cm = 21 gms), shape and contour. No focal lesion is seen

Free Fluid : No free fluid is seen in abdomen.

IMPRESSION:

USG abdomen shows -

- No significant abnormality detected.

P. Mitra

Dr Poulomi Mitra,
DMRD , MD
Consultant Radiologist

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