

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Shama Hela MRN : 17650000240457 Gender/Age : FEMALE , 35y (01/01/1988)

Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 27/05/2023 12:02 PM

Barcode : J22305270100 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	11.4 L	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	3.81	millions/ μ L	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	35.2 L	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	92.4	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.0	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.4	%	31.5-34.5
Red Cell Distribution Width (RDW)	14.5 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	258	Thous/Cumm	150.0-400.0
Mean Platelet Volume (MPV)	9.2	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.5	-	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils	58.9	%	40.0-75.0
Lymphocytes (Fluorescent Flow Cytometry)	34.7	%	20.0-40.0
Monocytes (Fluorescent Flow Cytometry)	3.6	%	2.0-10.0
Eosinophils (Fluorescent Flow Cytometry)	2.3	%	1.0-6.0

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Basophils (Fluorescent Flow Cytometry)	0.5	%	0.0-2.0
Absolute Neutrophil Count	4.4	-	-
Absolute Lymphocyte Count	2.6	-	-
Absolute Monocyte Count	0.3	-	-
Absolute Eosinophil Count	0.18	-	-
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--



Dr. Smita Priyam
MBBS, MD, Pathology
REGISTRAR

Note

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



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Barcode : J32305270013 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

IMMONOLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.02	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	6.74	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	106.6 H	µIU/mL	Non Pregnant Euthyroid: 0.4001-4.049 Pregnancy: 1st Trimester: 0.1298-3.120 2nd Trimester: 0.2749-2.652 3rd Trimester: 0.3127-2.947

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Dr. Ritu Priya
MBBS, MD, Biochemistry
Consultant

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Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 27/05/2023 12:15 PM

Barcode : J12305270128 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

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--



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Patient Name : Shama Hela MRN : 17650000240457 Gender/Age : FEMALE , 35y (01/01/1988)

Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 27/05/2023 12:31 PM

Barcode : J12305270129 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.6	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	114.02	-	-

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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Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 27/05/2023 12:06 PM

Barcode : J22305270099 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	90 H	mm/1hr	0.0-12.0

--End of Report--



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MBBS, MD, Pathology
REGISTRAR

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Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 27/05/2023 12:48 PM

Barcode : J12305270127 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.66	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	102.0	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)	8.87	mg/dL	7.0-17.0
Serum Sodium (Direct ISE - Potentiometric)	141	mmol/L	137.0-145.0
Serum Potassium (Direct ISE - Potentiometric)	4.4	mmol/L	3.5-5.1
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	198	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides	118	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)	46	mg/dL	40.0-60.0
Non-HDL Cholesterol	152.0	-	-
LDL Cholesterol (Colorimetric)	118.35 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)	24	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	4.4	-	-

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.4	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.3	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect)	0.1	-	-
Total Protein (Colorimetric - Biuret Method)	7.9	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.3	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.6 H	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.19	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	25	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	22	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	107	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	17	U/L	12.0-43.0

--End of Report--



Dr. Ritu Priya
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Consultant

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Collected On : 27/05/2023 10:38 AM Received On : 27/05/2023 10:52 AM Reported On : 29/05/2023 09:30 AM

Barcode : L12305270007 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9062419880

NARAYANA SUPERSPECIALITY HOSPITAL BLOOD CENTRE

Test	Result	Unit
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BLOOD GROUP & RH TYPING

Blood Group	B	-
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RH Typing	Positive	-
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--End of Report--

Dr. Arnab Singha
MEDICAL OFFICER

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ID: 17650000240451
Name: SHANMA HELA
Age: 35 Years
Gender: Female

2023-06-27 10:57:41

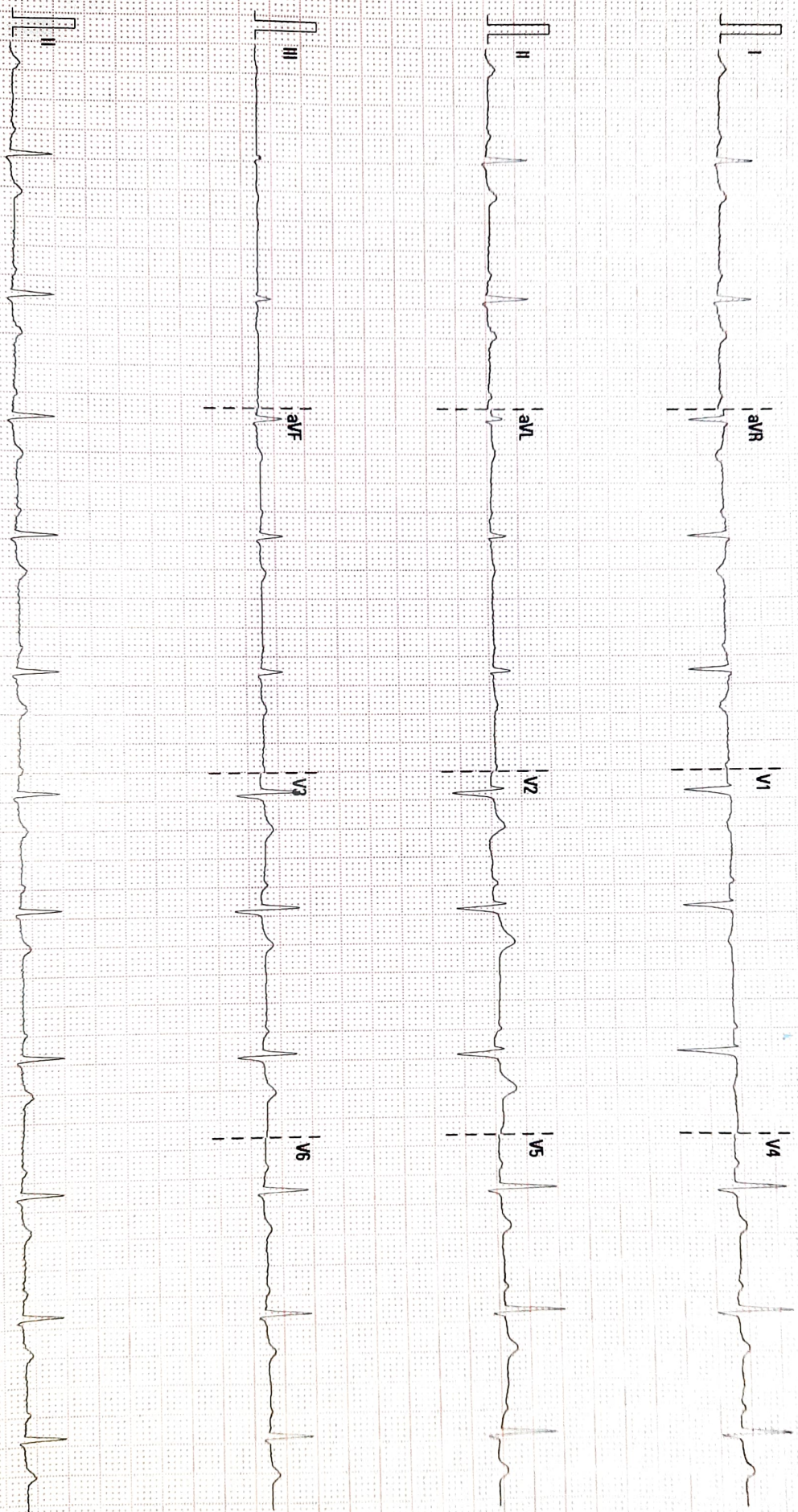
Vent. Rate
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
DTc-Hodges

68 bpm
158 ms
88 ms
378/392 ms
23/40/29 deg

Sinus arrhythmia
Normal ECG

Unconfirmed Diagnosis

PLEASE CORRELATE CLINICALLY



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

02:10:00/V28.4.1

SM FN-19030331

Address: 19030331

Patient Name	Shama Hela	Requested By	EXTERNAL
MRN	17650000240457	Procedure DateTime	2023-05-27 14:04:48
Age/Sex	35Y 4M / Female	Hospital	NH-NMH & NSH

USG OF WHOLE ABDOMEN (SCREENING)

CLINICAL INDICATION: Health check up.

USG OBSERVATIONS:

Liver: Enlarged in size with diffuse increased parenchymal echogenicity. Few calcific foci are seen in right lobe of liver --- suggestive of calcified granuloma. 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 (8.5 cm) 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 10.5 cm in length.
Cortical echogenicity is normal.
Cortico-medullary differentiation is maintained.
No calculus or hydronephrosis is seen.

Left Kidney:

Normal in size measuring 9.4 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.

Uterus:

Normal in size (8.4 x 3.8 x 3.0 cm), shape and echogenicity. Endometrial echo is central in position & normal in thickness (6.7 mm). No focal lesion is seen. Cervix appears normal

Ovaries:

Right ovary is normal in size and echogenicity. No focal lesion is seen.
Right ovary measures: 2.5 x 1.7 cm.

Left ovary is not visualised.

Free Fluid: No free fluid is seen in abdomen.

IMPRESSION:

USG abdomen shows -

1. Hepatomegaly with Grade I fatty changes.
2. Few calcific foci in right lobe of liver --- suggestive of calcified granuloma.
3. Rest nil significant.

P. Mitra

Dr Poulomi Mitra,
DMRD , MD
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-05-27 17:44:02



Patient details:

Name:MS.SHAMA HELA

Age: 35 YEARS

Examination Date: 27.05.2023

Consultant Name:DR.

MRN:17650000240457

Gender:FEMALE

Processed Date: 27.05.2023

Patient Location: OPD

ECHOCARDIOGRAPHY REPORT**MEASUREMENT:**

AO: 29 (20-40) mm	LVID(d): 37 (36-52) mm	IVS(d): 10 (6-11) mm
LA: 34 (19-40) mm	LVID(s) : 19 (23-39) mm	PWd: 09 (6-11) mm
RVOT: 22 mm	TAPSE: 24 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 - 0.8 , A - 0.6			0/4
Aortic	0.9	3.6		0/4
Tricuspid	2.1	17		Trivial
Pulmonary	1.0	4.2		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: MS.SHAMA HELA

MRN: 17650000240457

has been done on 27.05.2023 and reported on 27.05.2023



DR. SHAMICK SAHA
Junior consultant

TECHNICIAN
YADAV

TB: K. DEB