

**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)


Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 10:44 AM

Barcode : J22305270093 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	12.0	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.19	millions/ µL	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	36.9	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	88.1	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.8	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.7	%	31.5-34.5
Red Cell Distribution Width (RDW)	13.9	%	11.6-14.0
Platelet Count (Electrical Impedance)	175	Thous/Cumm	150.0-400.0
Mean Platelet Volume (MPV)	9.9	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	5.3	-	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils	46.5	%	40.0-75.0
Lymphocytes (Fluorescent Flow Cytometry)	<b>41.0 H</b>	%	20.0-40.0
Monocytes (Fluorescent Flow Cytometry)	7.1	%	2.0-10.0
Eosinophils (Fluorescent Flow Cytometry)	4.6	%	1.0-6.0

<p><b>Narayana Superspeciality Hospital</b></p>		<p>Appointments</p>
<p>(A Unit of Meridian Medical Research &amp; Hospital Ltd.) CIN U85110W81995PLC071440</p>	<p><b>180-0309-0309 (Toll Free)</b></p>	
<p>Registered office : Andul Road, Podrah, Howrah 711 109</p>	<p>Emergencies</p>	
<p>Hospital Address : 120/1, Andul Road, Howrah 711 103</p>	<p><b>83348 30003</b></p>	
<p>Email: info.nshhowrah@narayanahealth.org   www.narayanahealth.org</p>		

Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Basophils (Fluorescent Flow Cytometry)	0.8	%	0.0-2.0
NRBC	0.0	-	-
Absolute Neutrophil Count	2.4	-	-
Absolute Lymphocyte Count	2.2	-	-
Absolute Monocyte Count	0.4	-	-
Absolute Eosinophil Count	0.25	-	-
Absolute Basophil Count	0.05	-	-

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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Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**

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Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Collected On : 27/05/2023 01:37 PM Received On : 27/05/2023 01:38 PM Reported On : 30/05/2023 01:20 PM

Barcode : J42305270016 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**CLINICAL PATHOLOGY**

Test	Result	Unit
Urine For Sugar	Absent	-



Dr. Devmalya Banerjee  
MD (TMH Mumbai), DNB, DTBNUHS Singapore  
Consultant, Lead Oncopathologist

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
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**URINE ROUTINE & MICROSCOPY**

**PHYSICAL EXAMINATION**

Volume	45	ml	-
Colour	Pale Straw	-	-
Appearance	Clear	-	-

**CHEMICAL EXAMINATION**

pH(Reaction)	6.0	-	4.8-7.5
Sp. Gravity	1.010	-	1.002-1.030
Protein	Absent	-	-
Urine Glucose	Absent	-	Negative
Ketone Bodies	Absent	-	-

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Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Bile Salts	Absent	-	Negative
Bile Pigment (Bilirubin)	Absent	-	Negative
Urobilinogen	Normal	-	-
Urine Leucocyte Esterase	Absent	-	-
Blood Urine	Absent	-	Negative
Nitrite	Absent	-	Negative


**MICROSCOPIC EXAMINATION**

Pus Cells	2-3	/hpf	0 - 2
RBC	Not Found	-	0 - 3
Epithelial Cells	1-2	/hpf	-
Crystals	Not Found	-	-
Casts	Not Found	-	-
Bacteria	Not Found	-	-
Yeast Cells	Not Found	-	-

--End of Report--



Dr. Smita Priyam  
MBBS, MD, Pathology  
REGISTRAR

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Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 29/05/2023 09:29 AM

Barcode : L12305270003 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**NARAYANA SUPERSPECIALITY HOSPITAL BLOOD CENTRE**

Test	Result	Unit
<b>BLOOD GROUP &amp; RH TYPING</b>		
Blood Group	A	-
RH Typing	Positive	-

--End of Report--

Dr. Arnab Singha  
MEDICAL OFFICER

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Barcode : J42305270016 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**CLINICAL PATHOLOGY**

Test	Result	Unit
Urine For Sugar	Absent	-



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**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
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**URINE ROUTINE & MICROSCOPY**

**PHYSICAL EXAMINATION**

Volume	45	ml	-
Colour	Pale Straw	-	-
Appearance	Clear	-	-

**CHEMICAL EXAMINATION**

pH(Reaction)	6.0	-	4.8-7.5
Sp. Gravity	1.010	-	1.002-1.030
Protein	Absent	-	-
Urine Glucose	Absent	-	Negative
Ketone Bodies	Absent	-	-

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Bile Salts	Absent	-	Negative
Bile Pigment (Bilirubin)	Absent	-	Negative
Urobilinogen	Normal	-	-
Urine Leucocyte Esterase	Absent	-	-
Blood Urine	Absent	-	Negative
Nitrite	Absent	-	Negative


**MICROSCOPIC EXAMINATION**

Pus Cells	2-3	/hpf	0 - 2
RBC	Not Found	-	0 - 3
Epithelial Cells	1-2	/hpf	-
Crystals	Not Found	-	-
Casts	Not Found	-	-
Bacteria	Not Found	-	-
Yeast Cells	Not Found	-	-

--End of Report--



Dr. Smita Priyam  
MBBS, MD, Pathology  
REGISTRAR

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Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 12:15 PM

Barcode : J12305270118 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>Fasting Blood Sugar (FBS)</b> (Glucose Oxidase, Peroxidase)	<b>111 H</b>	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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Emergencies  
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Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 12:07 PM

Barcode : J22305270092 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>Erythrocyte Sedimentation Rate (ESR)</b> (Modified Westergren Method)	<b>80 H</b>	mm/1hr	0.0-12.0

--End of Report--



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MBBS, MD, Pathology  
REGISTRAR

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Emergencies  
**83348 30003**

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Final Report

Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 12:31 PM

Barcode : J12305270119 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (HPLC)	<b>6.2 H</b>	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	131.24	-	-

**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--**

*Ritu Priya*

Dr. Ritu Priya  
MBBS, MD, Biochemistry  
Consultant

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Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**



ID: 17510000911031  
Name: BALAJA MALLICK  
Age: 51 Years  
Gender: Female

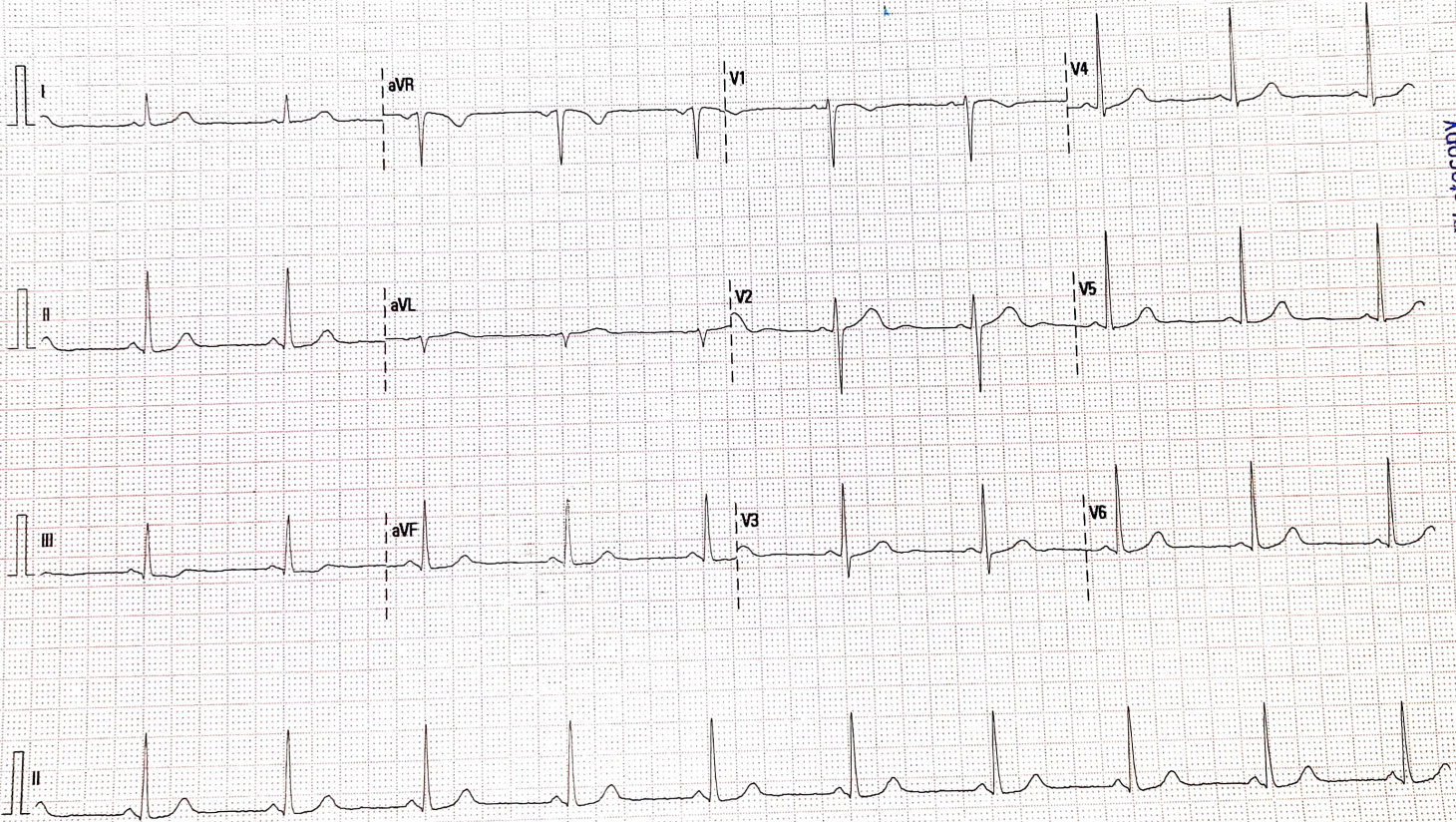
2023-05-27 11:21:22

Vent. Rate 60 bpm  
PR Interval 118 ms  
QRS Duration 76 ms  
QT/QTc Interval 410/410 ms  
P/QRS/T Axes 63/67/34 deg  
QTc:Hodges

Sinus rhythm  
Normal ECG

Unconfirmed Diagnosis

PLEASE CORRELATE CLINICALLY



Please Keep A Photocopy

25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

02.10.00/V28.4.1

SN:FN-19030337

30003



<b>Patient Name</b>	BALAKA MALLICK	<b>Requested By</b>	EXTERNAL
<b>MRN</b>	17510000911031	<b>Procedure DateTime</b>	Bill generated on :2023-05-27. Study done on : 2023-05-29 15:14:27
<b>Age/Sex</b>	51Y 8M / Female	<b>Hospital</b>	NH-NMH & NSH

### USG OF WHOLE ABDOMEN ( SCREENING )

#### USG OBSERVATIONS:

**LIVER:** Normal in size ( 12.9 cm ) , shape and outline. Parenchymal echotexture normal. No focal cystic or solid mass lesion. No intrahepatic biliary dilatation. Intrahepatic portion of IVC is normal. Porta hepatis is normal.

**GALL BLADDER:** Wall thickness is normal. Luminal echoes are normal. No calculi. No pericholecystic fluid seen.

**PORTAL VEIN:** It appears normal. It measures 7.9 mm.

**C.B.D:** Not dilated. It measures 3.1 mm.

**PANCREAS:** Parenchymal echotexture normal. MPD appears normal. No focal lesion.

**SPLEEN:** Normal in size ( 8.0 cm ) with normal echotexture. No focal or diffuse lesion.

#### KIDNEYS:

Right kidney measures 8.6 cm.

Left kidney measures 10.1 cm.

Both kidneys are normal in size, shape and outline. Parenchymal echotexture normal. Corticomedullary differentiation is well made out and is normal. Sinus echoes are normal. No hydronephrosis seen in both kidneys. **A pinpoint calcification is seen in mid pole of right kidney.**

**URINARY BLADDER:** Wall thickness normal. Luminal echoes normal. No calculi.

**UTERUS:** Measures: 3.7 x 2.0 x 4.5 cm. Anteverted, normal in shape & size. Endometrial & myometrial echoes are normal. Endometrium thickness measures 4.7 mm. Cervix appears normal.

#### BOTH OVARIES:

Right ovary measures : 2.0 x 1.0 cm.

Left ovary: 2.3 x 0.86 cm.

Both ovaries are normal in size, shape and echo pattern and show normal follicular pattern.

POD is clear.

No Ascites/ pleural effusion is seen at present.

**IMPRESSION:**

**Present study suggests:**

- **Right renal pinpoint calcification.**

**--- Advised further investigation and follow up.**

*Not for medico legal purpose. 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.*



Dr. Arnab Mandal

MD, Physician, PGDUS (DELHI)  
CBET-USG (WBUHS Kolkata)  
Fellow of Jefferson Ultrasound  
Radiology and Education  
Institute Philadelphia  
Ex- Radiology Resident  
(S.E. Railway)  
Regd. No. - 72022 (WBMC)

This is a digitally signed valid document. Reported Date/Time: 2023-05-30 09:44:35

Page 2 of 2

Patient details:  
Name: MRS. BALAKA MALLICK  
Age: 51 YEARS  
Examination Date: 27.05.2023  
Consultant Name: DR.

MRN: 1751000091103

Gender: FEMALE  
Processed Date: 27.05.2023  
Patient Location: OPD

**ECHOCARDIOGRAPHY REPORT**

**MEASUREMENT:**

AO: 26 (20-40) mm	LVID(d): 42 (36-52) mm	IVS(d): 10 (6-11) mm
LA: 30 (19-40) mm	LVID(s): 24 (23-39) mm	PWd: 09 (6-11) mm
RVOT: 22 mm	TAPSE: 19 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





**DOPPLER DATA:**

	Velocity(In m/s)	Peak PG(mmHg)	Mean PG(mmHg)	Regurgitation
Mitral	E - 0.8 , A - 0.5			Trivial
Aortic	0.9	3.7		0/4
Tricuspid	2.1	17		Trivial
Pulmonary	0.8	2.8		0/4

**LVOT** : No significant gradient noted.

**Vegetation/Thrombus:** Nil

**Pericardium** : Normal

**Other Findings** : E/E':09

**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: MRS.BALAKA MALLICK

MRN: 17510000911031

has been done on 27.05.2023 and reported on 27.05.2023



**DR. SHAMICK SAHA**  
 Junior consultant

**TECHNICIAN**  
**YADAV**

TB: K. DEB



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Collected On : 27/05/2023 02:43 PM Received On : 27/05/2023 02:45 PM Reported On : 27/05/2023 04:23 PM

Barcode : J12305270196 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>Post Prandial Blood Sugar (PPBS)</b> (Glucose Oxidase, Peroxidase)	<b>145 H</b>	mg/dL	Both: Normal: 70-139 Both: Pre-diabetes: 140-199 Both: 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. Ritu Priya  
MBBS, MD, Biochemistry  
Consultant

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Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 12:54 PM  
Barcode : J32305270011 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)  
Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**IMMONOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.20	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	6.89	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.289	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

--End of Report--



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Final Report

Patient Name : Mrs BALAKA MALLICK MRN : 17510000911031 Gender/Age : FEMALE , 51y (05/09/1971)

Collected On : 27/05/2023 10:14 AM Received On : 27/05/2023 10:28 AM Reported On : 27/05/2023 12:15 PM

Barcode : J12305270117 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9732554017++9800042767

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	82.8	mL/min/1.73m <sup>2</sup>	Indicative for renal impairment: <60 Note: eGFR is inaccurate for Hemodynamically unstable patients . eGFR is not applicable for less than 18 years of age .
<b>Blood Urea Nitrogen (BUN)</b> (Endpoint /Colorimetric - Urease)	12.14	mg/dL	7.0-17.0
<b>Serum Sodium</b> (Direct ISE - Potentiometric)	143	mmol/L	137.0-145.0
<b>Serum Potassium</b> (Direct ISE - Potentiometric)	4.7	mmol/L	3.5-5.1
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	<b>224 H</b>	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides	83	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)	54	mg/dL	40.0-60.0
Non-HDL Cholesterol	170	-	-
LDL Cholesterol (Colorimetric)	<b>127.45 H</b>	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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Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**

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VLDL Cholesterol (Calculated)	16.6	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	4.1	-	-
<b>LIVER FUNCTION TEST(LFT)</b>			
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)	8.2	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.5	gm/dL	3.5-5.0
Serum Globulin (Calculated)	<b>3.7 H</b>	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.22	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	23	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	18	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	74	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide ( Szasz Method))	13	U/L	12.0-43.0

--End of Report--



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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