

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Pampa Sikder MRN : 17600000234230 Gender/Age : FEMALE , 40y (10/03/1982)

Collected On : 25/02/2023 10:37 AM Received On : 25/02/2023 10:40 AM Reported On : 25/02/2023 11:54 AM

Barcode : F22302250071 Specimen : Whole Blood Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
BLOOD GROUP & RH TYPING			
Blood Group (Slide Technique And Tube Technique)	"O"	-	-
RH Typing (Slide Technique And Tube Technique)	Positive	-	-
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Cyanide-free Hemoglobin Method)	11.1 L	g/dL	12.0-15.0
Red Blood Cell Count (Impedance Variation)	4.45	millions/ μ L	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Impedance)	35.6 L	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	80 L	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	25.0 L	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.3 L	g/dL	31.5-34.5
Red Cell Distribution Width (RDW) (Impedance)	18.7 H	%	11.6-14.0
Platelet Count (Impedance Variation/Microscopy)	180	Thousand / μ L	150.0-410.0
Total Leucocyte Count(WBC) (Impedance Variation)	6.6	$\times 10^3$ cells/ μ l	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (Impedance Variation And Absorbency /Microscopy)	58.5	%	40.0-80.0
Lymphocytes (Impedance Variation And Absorbency /Microscopy)	35.2	%	20.0-40.0

Page 1 of 2

Narayana Multispeciality Hospital

(A unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

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)

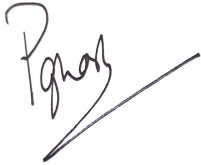
Emergencies

9836-75-0808

Patient Name : Ms Pampa Sikder MRN : 17600000234230 Gender/Age : FEMALE , 40y (10/03/1982)			
Monocytes (Impedance Variation And Absorbency /Microscopy)	4.3	%	2.0-10.0
Eosinophils (Impedance Variation And Absorbency /Microscopy)	1.9	%	1.0-6.0
Basophils (Impedance Variation And Absorbency /Microscopy)	0.1 L	%	1.0-2.0
Absolute Neutrophil Count	3.86	-	-
Absolute Lymphocyte Count	2.32	-	-
Absolute Monocyte Count	0.28	-	-
Absolute Eosinophil Count	0.13	-	-
Absolute Basophil Count	0.01	-	-

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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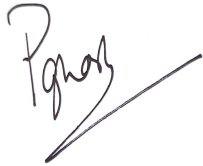
Barcode : F12302250097 Specimen : Plasma Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Hydrogen Peroxidase)	103	mg/dL	Normal: 70-109 Pre-diabetes: 110-125 Diabetes: => 126

--End of Report--



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Patient Name : Ms Pampa Sikder MRN : 17600000234230 Gender/Age : FEMALE , 40y (10/03/1982)

Collected On : 25/02/2023 01:21 PM Received On : 25/02/2023 01:24 PM Reported On : 25/02/2023 02:15 PM

Barcode : F12302250137 Specimen : Plasma Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Hydrogen Peroxidase)	105	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--



Dr. Samarpita Mukherjee
MBBS, MD Biochemistry
CONSULTANT

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Patient Name : Ms Pampa Sikder MRN : 17600000234230 Gender/Age : FEMALE , 40y (10/03/1982)

Collected On : 25/02/2023 10:37 AM Received On : 26/02/2023 12:06 AM Reported On : 26/02/2023 12:50 AM

Barcode : F32302250010 Specimen : Urine Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
Urine For Sugar	Absent	-	-

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume (Visible)	50	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)	1.015	-	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)	Normal	-	-
Urine Leucocyte Esterase (Dual Wavelength Reflectance)	Absent	-	Negative

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Blood Urine (Dual Wavelength Reflectance) Absent - -

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) 3-4/hpf - 2-3

Crystals (Microscopy) Not Seen - -

Casts (Microscopy) Not Seen - -

--End of Report--



Dr. Sudhanya Biswas
MBBS, MD, Pathology
Consultant

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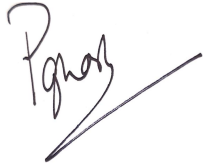
Barcode : F22302250072 Specimen : Whole Blood - ESR Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	44 H	mm/1hr	0.0-20.0

--End of Report--



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Barcode : F12302250098 Specimen : Whole Blood Consultant : Dr. Sanjib Chowdhury(DENTAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	6.2 H	%	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:
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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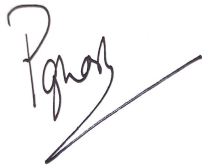
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 Barcode : F12302250096 Specimen : Serum Consultant : Dr. Sanjib Chowdhury(DENTAL)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7278300929

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Enzymatic Method)	0.5 L	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	136.7	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Urease, UV)	9.81	mg/dL	7.0-17.0
Serum Sodium (ISE Direct)	147 H	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.5	mmol/L	3.5-5.1
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase Esterase Peroxidase)	180	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic End Point)	119	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Direct Measure, PTA /MgCl ₂)	47	mg/dL	Low: <40.0 mg/dL High: >60.0 mg/dL
Non-HDL Cholesterol	133	-	-
LDL Cholesterol (End Point)	109.45 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	23.8	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	3.8	-	-
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Dyphylline, Diazonium Salt)	0.4	mg/dL	0.2-1.3

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Conjugated Bilirubin (Direct) (Direct Measure)	0.2	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Direct Measure)	0.2 L	mg/dL	0.3-1.3
Total Protein (Biuret, No Serum Blank, End Point)	7.7	g/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.3	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.4	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.26	-	1.0-2.1
SGOT (AST) (Multiple-point Rate)	23	U/L	14.0-36.0
SGPT (ALT) (Uv With P5p)	18	U/L	<35.0
Alkaline Phosphatase (ALP) (PMPP, AMP Buffer)	109	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (G-glutamyl-p-nitroanilide)	16	U/L	12.0-43.0



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BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (CLIA)	1.27	ng/mL	0.97-1.69
Thyroxine (T4) (CLIA)	10.1	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (CLIA)	1.644	µIU/mL	0.4-4.049

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