

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Pooja Das MRN : 17600000233343 Gender/Age : FEMALE , 31y (22/02/1991)

Collected On : 11/02/2023 04:43 PM Received On : 11/02/2023 04:54 PM Reported On : 11/02/2023 08:13 PM

Barcode : F12302110177 Specimen : Whole Blood Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7908454934

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.7 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	116.89	-	-

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--



Dr. Samarпита Mukherjee
MBBS, MD Biochemistry
Consultant

Note

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



Narayana Multispeciality Hospital

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Appointments

1800-309-0309 (Toll Free)

Emergencies

9836-75-0808

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Collected On : 11/02/2023 04:43 PM Received On : 11/02/2023 04:54 PM Reported On : 11/02/2023 07:45 PM

Barcode : F22302110125 Specimen : Whole Blood - ESR Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7908454934

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	47 H	mm/1hr	0.0-20.0

--End of Report--



Dr. Sudhanya Biswas
MBBS, MD, Pathology
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Barcode : F12302110176 Specimen : Plasma Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7908454934

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Hydrogen Peroxidase)	93	mg/dL	Normal: 70-109 Pre-diabetes: 110-125 Diabetes: => 126

--End of Report--



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Barcode : F12302110175 Specimen : Serum Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7908454934

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Enzymatic Method)	0.6	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	116.7	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Urease, UV)	17	mg/dL	7.0-17.0
Serum Sodium (ISE Direct)	139	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.2	mmol/L	3.5-5.1
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase Esterase Peroxidase)	136	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic End Point)	116	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	89.0	-	-
LDL Cholesterol (End Point)	64.75	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	23	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	2.9	-	-
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Dyphylline, Diazonium Salt)	0.7	mg/dL	0.2-1.3

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Conjugated Bilirubin (Direct) (Direct Measure)	0.4 H	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Direct Measure)	0.3	mg/dL	0.3-1.3
Total Protein (Biuret, No Serum Blank, End Point)	7.9	g/dL	6.3-8.2
Serum Albumin (Bromocresol Green (BCG))	4.4	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.5	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.3	-	1.0-2.1
SGOT (AST) (Multiple-point Rate)	29	U/L	14.0-36.0
SGPT (ALT) (Uv With P5p)	27	U/L	<35.0
Alkaline Phosphatase (ALP) (PMPP, AMP Buffer)	101	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (G-glutamyl-p-nitroanilide)	37	U/L	12.0-43.0

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (CLIA)	1.24	ng/mL	0.97-1.69
Thyroxine (T4) (CLIA)	8.34	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (CLIA)	1.915	µIU/mL	0.4-4.049

--End of Report--



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Consultant

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Barcode : F22302110124 Specimen : Whole Blood Consultant : Dr. Swarup Paul(CRITICAL CARE MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7908454934

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
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BLOOD GROUP & RH TYPING

Blood Group (Slide Technique And Tube Technique)	"O"	-	-
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RH Typing (Slide Technique And Tube Technique)	Positive	-	-
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COMPLETE BLOOD COUNT (CBC)

Haemoglobin (Hb%) (Cyanide-free Hemoglobin Method)	10.5 L	g/dL	12.0-15.0
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Red Blood Cell Count (Impedance Variation)	5.75 H	millions/ μ L	3.8-4.8
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PCV (Packed Cell Volume) / Hematocrit (Impedance)	34.9 L	%	36.0-46.0
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MCV (Mean Corpuscular Volume) (Calculated)	61 L	fL	83.0-101.0
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MCH (Mean Corpuscular Haemoglobin) (Calculated)	18.3 L	pg	27.0-32.0
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MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	30.1 L	g/dL	31.5-34.5
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Red Cell Distribution Width (RDW) (Impedance)	19.3 H	%	11.6-14.0
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Platelet Count (Impedance Variation/Microscopy)	160.00	Thousand / μ L	150.0-410.0
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Total Leucocyte Count(WBC) (Impedance Variation)	10.8 H	$\times 10^3$ cells/ μ l	4.0-10.0
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DIFFERENTIAL COUNT (DC)

Neutrophils (Impedance Variation And Absorbency /Microscopy)	67.1	%	40.0-80.0
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Lymphocytes (Impedance Variation And Absorbency /Microscopy)	24.3	%	20.0-40.0
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Monocytes (Impedance Variation And Absorbency /Microscopy)	5.3	%	2.0-10.0
Eosinophils (Impedance Variation And Absorbency /Microscopy)	3.2	%	1.0-6.0
Basophils (Impedance Variation And Absorbency /Microscopy)	0.1 L	%	1.0-2.0
Absolute Neutrophil Count	7.25	-	-
Absolute Lymphocyte Count	2.62	-	-
Absolute Monocyte Count	0.57	-	-
Absolute Eosinophil Count	0.35	-	-
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--



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