

**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name	: Mrs. SANGEETA JHA	Order No	: 1000095333
UHID	: UHJA24005242	Registered On	: 04/09/2024 08:53:04 AM
Age/Sex	: 37/Years Female	Collected On	: 04/09/2024 09:04:09 AM
Ward / Bed No	:	Reported On	: 04/09/2024 12:00:36 PM
Reference	: Dr. Preventive Health Check Up	Bill No	: OPBJA240007230
Station	: At Hospital	Mobile No	: 9702105963
Payer Name	: Mediwheel	Report Status	: Final Report

Test Name	Result	Unit	Bio. Ref. Interval
<b><u>BIOCHEMISTRY</u></b>			
<b>FASTING GLUCOSE</b> (Method: Hexokinase)	97	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
<b>POST PRANDIAL GLUCOSE</b> (Method: Hexokinase)	96	mg/dL	70-140
<b>GLYCOSYLATED HAEMOGLOBIN (HBA1C)</b>			Sample: Whole blood (EDTA)
HBA1C (Method: HPLC)	5.0	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
Estimated Average Glucose (eAG) (Method: Calculated)	96.93	mg/dL	
<b>THYROID PROFILE (TOTAL T3, TOTAL T4 &amp; TSH)</b>			Sample: Serum
TOTAL T3 (Method:CLIA)	0.99	ng/mL	0.87-1.78
TOTAL T4 (Method:CLIA)	9.03	µg/dL	5.1-14.1
THYROID STIMULATING HORMONE (TSH) (Method:CLIA: Ultra-sensitive)	2.38	µIU/mL	0.34 - 5.60 µIU/mL (Non Pregnant) 0.3 - 4.5 µIU/mL (I trimester) 0.5 - 5.2 µIU/mL (II & III trimester)
<b>LIPID PROFILE</b>			Sample: Serum
TOTAL CHOLESTEROL (Method:CHOD-POD)	<b>210</b>	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
TRIGLYCERIDES (Method:Enzymatic GPO-POD)	102	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
HDL CHOLESTEROL (Method:ENZYMATIC METHOD)	<b>63.3</b>	mg/dL	< 40 - Low ≥ 60 - High

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<b>LDL CHOLESTEROL</b> (Method: Calculated)	<b>126.3</b>	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
<b>VLDL CHOLESTEROL</b> (Method: Calculated)	20.4	mg/dL	< 30
<b>TOTAL CHOLESTEROL : HDL RATIO</b> (Method: Calculated)	3.31		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
<b>LDL/HDL CHOLESTEROL RATIO</b> (Method: Calculated)	1.99		< 2.5 Optimal
<b>NON HDL CHOLESTEROL</b> (Method: Calculated)	<b>146.7</b>	mg/dL	< 130
<b>URIC ACID</b> (Method:Uricase - POD(Enzymatic))	4.6	mg/dL	2.6-6.0
<b>BLOOD UREA NITROGEN(BUN)</b> (Method:Urease GLDH - Kinetic)	<b>7</b>	mg/dL	7.93-20.07
<b>CREATININE</b> (Method:Modified Jaffe, Kinetic)	0.60	mg/dL	0.6-1.1
<b>LIVER FUNCTION TEST</b>			
<b>TOTAL BILIRUBIN</b> (Method:Dichlorophenyl Diazotization)	0.41	mg/dL	0.3-1.2
<b>DIRECT BILIRUBIN</b> (Method:Dichlorophenyl Diazotization)	0.07	mg/dL	0.0-0.2
<b>INDIRECT BILIRUBIN</b> (Method: Calculated)	0.34	mg/dL	0.2-1.0
<b>TOTAL PROTEIN</b> (Method:BIURET)	7.2	g/dL	6.6-8.3
<b>ALBUMIN</b> (Method:BCG)	4.40	g/dL	3.5-5.2
<b>GLOBULIN</b> (Method: Calculated)	2.8	g/dL	2.3-3.5

Sample: Serum

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AG RATIO (Method: Calculated)	1.92		2:1
SERUM SGOT (Method:IFCC without P5P)	28	U/L	< 35
SERUM SGPT (Method:IFCC without P5P)	29	U/L	< 35
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	78	U/L	46-122
GGT (Method:IFCC)	26	U/L	< 38



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**HAEMATOLOGY**
**COMPLETE BLOOD COUNT(CBC)**

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	13.00	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	40.2	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	5490	Cells/Cum	4000-11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS (Method:Optical/Impedance)	60.06	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	29.57	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	3.01	%	0-6
MONOCYTES (Method:Optical/Impedance)	7.06	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.30	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	4.77	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	84.3	fL	78-100
MCH (Method: Calculated)	27.3	pg	27-31
MCHC (Method: Calculated)	32.3	g/dL	31-37
RDW - CV (Method: Calculated)	<b>15.0</b>	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	1.58	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) <small>(Method:Derived from PLT Histogram)</small>	11.37	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) <small>(Method: Calculated)</small>	18.0	fl	9-19
<b>ERYTHROCYTE SEDIMENTATION RATE(ESR)</b> <small>(Method:Modified Westergren Method)</small>	16	mm/hour	1-20

**BLOOD GROUPING & RH TYPING**

Sample: Whole blood (EDTA)

ABO Group <small>(Method:Agglutination Method)</small>	O
Rh Factor <small>(Method:Agglutination Method)</small>	Positive

Interpretation Notes

Note: Both forward and reverse grouping performed



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**CLINICAL PATHOLOGY**

**URINE EXAMINATION, ROUTINE**

Sample: Urine

**PHYSICAL EXAMINATION**

VOLUME	25	mL	
COLOUR	Pale Yellow		
APPEARANCE	Clear		
PH	5.0		5.0-8.0
SPECIFIC GRAVITY	1.005		1.005-1.030

**CHEMICAL EXAMINATION**

PROTEIN (Method:Protein Error of pH Indicator)	Absent		Absent
GLUCOSE (Method:GOD-POD)	Absent		Absent
KETONE BODIES (Method:Nitroprusside method/ Rothera's test)	Absent		Absent
BILIRUBIN (Method:DIAZO/FOUCHET'S TEST)	Negative		Negative
BILE SALT (Method:Hay's sulfur test)	Absent		Absent
NITRITE (Method:Griess method)	Negative		Negative
UROBILINOGEN (Method:Azo coupling method)	Normal		
LEUKOCYTE ESTERASE (Method:Leukocyte Esterase activity)	Negative		Negative
BLOOD (Method:Peroxidase Reaction)	Negative		Negative

**MICROSCOPIC EXAMINATION**


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EPITHELIAL CELLS	2-4	/HPF	0-5
PUS CELLS	4-6	/HPF	0-5
RBCs	0-2	/HPF	0-2
CASTS	Nil	/LPF	
CRYSTALS	Nil		
OTHERS	Nil		
<b>URINE SUGAR, FASTING</b> (Method:GOD-POD)	Absent		
<b>URINE SUGAR (POST PRANDIAL)</b>	Absent		

Verified By  
Dr Shobha Emmanuel

---End of Report---



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