

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mrs. S J SREEVALLI	Order No : 1000100822
UHID : UHJA24007146	Registered On : 26/10/2024 08:39:13 AM
Age/Sex : 52/Years Female	Collected On : 26/10/2024 08:50:35 AM
Ward / Bed No :	Reported On : 26/10/2024 12:57:11 PM
Reference : Dr. Ashmitha Padma	Bill No : OPBJA240009730
Station : At Hospital	Mobile No : 9342659650
Payer Name : Mediwheel	Report Status : Final Report

Test Name	Result	Unit	Bio. Ref. Interval
BIOCHEMISTRY			
FASTING GLUCOSE (Method: Hexokinase)	215	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
POST PRANDIAL GLUCOSE (Method: Hexokinase)	316	mg/dL	70-140
GLYCOSYLATED HAEMOGLOBIN (HBA1C)			Sample: Whole blood (EDTA)
HBA1C (Method: HPLC)	9.3	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
Estimated Average Glucose (eAG) (Method: Calculated)	220	mg/dL	
THYROID PROFILE (TOTAL T3, TOTAL T4 & TSH)			Sample: Serum
TOTAL T3 (Method: CLIA)	0.98	ng/mL	0.87-1.78
TOTAL T4 (Method: CLIA)	12.84	µg/dL	5.1-14.1
THYROID STIMULATING HORMONE (TSH) (Method: CLIA: Ultra-sensitive)	1.58	µIU/mL	0.34-5.60
LIPID PROFILE			Sample: Serum
TOTAL CHOLESTEROL (Method: CHOD-POD)	374	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
TRIGLYCERIDES (Method: Enzymatic GPO-POD)	338	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
HDL CHOLESTEROL (Method: ENZYMATIC METHOD)	72.2	mg/dL	< 40 - Low ≥ 60 - High

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LDL CHOLESTEROL (Method: Calculated)	234.20	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
VLDL CHOLESTEROL (Method: Calculated)	67.60	mg/dL	< 30
TOTAL CHOLESTEROL : HDL RATIO (Method: Calculated)	5.18		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
LDL/HDL CHOLESTEROL RATIO (Method: Calculated)	3.24		< 2.5 Optimal
NON HDL CHOLESTEROL (Method: Calculated)	301.80	mg/dL	< 130
URIC ACID (Method:Uricase - POD(Enzymatic))	4.3	mg/dL	2.6-6.0
LIVER FUNCTION TEST			
Sample: Serum			
TOTAL BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.52	mg/dL	0.3-1.2
DIRECT BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.08	mg/dL	0.0-0.2
INDIRECT BILIRUBIN (Method: Calculated)	0.44	mg/dL	0.2-1.0
TOTAL PROTEIN (Method:BIURET)	6.8	g/dL	6.6-8.3
ALBUMIN (Method:BCG)	4.19	g/dL	3.5-5.2
GLOBULIN (Method: Calculated)	2.61	g/dL	2.3-3.5
AG RATIO (Method: Calculated)	1.61		2:1
SERUM SGOT (Method:IFCC without P5P)	25	U/L	< 35

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SERUM SGPT (Method:IFCC without P5P)	32	U/L	< 35
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	122	U/L	46-122
GGT (Method:IFCC)	88	U/L	< 38
UREA (Method:Urease GLDH - Kinetic)	23.6	mg/dL	17-43
BUN/CREATININE RATIO			
BLOOD UREA NITROGEN(BUN) (Method:Urease GLDH - Kinetic)	11	mg/dL	7.93-20.07
CREATININE (Method:Modified Jaffe, Kinetic)	0.77	mg/dL	0.6-1.1
BUN/CRE-RATIO (Method: Calculated)	14.3		12-20 : 1

Sample: Serum



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CONSULTANT PATHOLOGIST
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HAEMATOLOGY
COMPLETE BLOOD COUNT(CBC)

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	14.46	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	44.5	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	5240	Cells/Cum	4000-11000
DIFFERENTIAL COUNT			
NEUTROPHILS (Method:Optical/Impedance)	50.90	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	40.46	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	3.26	%	0-6
MONOCYTES (Method:Optical/Impedance)	5.12	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.26	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	5.36	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	83.0	fL	78-100
MCH (Method: Calculated)	27.0	pg	27-31
MCHC (Method: Calculated)	32.5	g/dL	31-37
RDW - CV (Method: Calculated)	14.5	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	2.67	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	8.96	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	20.1	fl	9-19
ABSOLUTE NEUTROPHIL COUNT (ANC) (Method: Calculated)	2670	Cells/Cum	1500-7500
ABSOLUTE EOSINOPHIL COUNT (AEC) (Method:Calculated Automated)	170	Cells/Cum	40-440
ABSOLUTE LYMPHOCYTE COUNT (ALC) (Method: Calculated)	2120	Cells/Cum	1000-4000
ABSOLUTE MONOCYTE COUNT (AMC) (Method: Calculated)	270	Cells/Cum	200-1000
ABSOLUTE BASOPHIL COUNT (ABC) (Method: Calculated)	10	Cells/Cum	20-100
ERYTHROCYTE SEDIMENTATION RATE(ESR) (Method:Modified Westergren Method)	19	mm/hour	1-30

BLOOD GROUPING & RH TYPING

Sample: Whole blood (EDTA)

ABO Group (Method:Agglutination Method)	B
Rh Factor (Method:Agglutination Method)	Positive

Interpretation Notes

Note: Both forward and reverse grouping performed



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CLINICAL PATHOLOGY

URINE EXAMINATION, ROUTINE

Sample: Urine

PHYSICAL EXAMINATION

VOLUME	30	mL	
COLOUR	Pale Yellow		
APPEARANCE	Clear		
PH	5.5		5.0-8.0
SPECIFIC GRAVITY	1.025		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)	Absent		
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	0-2	/HPF	0-5
RBCs	0-2	/HPF	0-2
CASTS	Nil	/LPF	
CRYSTALS	Nil		
OTHERS	Nil		
URINE SUGAR, FASTING (Method:GOD-POD)	Absent		
URINE SUGAR (POST PRANDIAL)	Present (2.0%)		

Verified By
G Mahesh kumar

---End of Report---



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