

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mrs. LAXMI AHIRWAR	Order No : 1000097569
UHID : UHJA24006033	Registered On : 28/09/2024 09:34:17 AM
Age/Sex : 35/Years Female	Collected On : 28/09/2024 09:46:50 AM
Ward / Bed No :	Reported On : 28/09/2024 02:30:36 PM
Reference : Dr. Ashmitha Padma	Bill No : OPBJA240008315
Station : At Hospital	Mobile No : 7509089461
Payer Name : Mediwheel	Report Status : Final Report

Test Name	Result	Unit	Bio. Ref. Interval
BIOCHEMISTRY			
FASTING GLUCOSE (Method: Hexokinase)	94	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
POST PRANDIAL GLUCOSE (Method: Hexokinase)	137	mg/dL	70-140
GLYCOSYLATED HAEMOGLOBIN (HBA1C)			Sample: Whole blood (EDTA)
HBA1C (Method: HPLC)	5.6	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
Estimated Average Glucose (eAG) (Method: Calculated)	114	mg/dL	
THYROID PROFILE (TOTAL T3, TOTAL T4 & TSH)			Sample: Serum
TOTAL T3 (Method:CLIA)	1.29	ng/mL	0.87-1.78
TOTAL T4 (Method:CLIA)	12.92	µg/dL	5.1-14.1
THYROID STIMULATING HORMONE (TSH) (Method:CLIA: Ultra-sensitive)	2.11	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)
LIPID PROFILE			Sample: Serum
TOTAL CHOLESTEROL (Method:CHOD-POD)	162	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
TRIGLYCERIDES (Method:Enzymatic GPO-POD)	119	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
HDL CHOLESTEROL (Method:ENZYMATIC METHOD)	35.8	mg/dL	< 40 - Low ≥ 60 - High

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LDL CHOLESTEROL (Method: Calculated)	102.40	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
VLDL CHOLESTEROL (Method: Calculated)	23.80	mg/dL	< 30
TOTAL CHOLESTEROL : HDL RATIO (Method: Calculated)	4.53		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
LDL/HDL CHOLESTEROL RATIO (Method: Calculated)	2.86		< 2.5 Optimal
NON HDL CHOLESTEROL (Method: Calculated)	126.20	mg/dL	< 130
URIC ACID (Method:Uricase - POD(Enzymatic))	5.8	mg/dL	2.6-6.0
CREATININE (Method:Modified Jaffe, Kinetic)	0.54	mg/dL	0.6-1.1
LIVER FUNCTION TEST			
TOTAL BILIRUBIN (Method:Dichlorophenyl Diazotization)	1.34	mg/dL	0.3-1.2
DIRECT BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.25	mg/dL	0.0-0.2
INDIRECT BILIRUBIN (Method: Calculated)	1.09	mg/dL	0.2-1.0
TOTAL PROTEIN (Method:BIURET)	7.4	g/dL	6.6-8.3
ALBUMIN (Method:BCG)	4.21	g/dL	3.5-5.2
GLOBULIN (Method: Calculated)	3.19	g/dL	2.3-3.5
AG RATIO (Method: Calculated)	1.32		2:1

Sample: Serum

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SERUM SGOT (Method:IFCC without P5P)	20	U/L	< 35
SERUM SGPT (Method:IFCC without P5P)	14	U/L	< 35
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	76	U/L	46-122
GGT (Method:IFCC)	15	U/L	< 38



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HAEMATOLOGY
COMPLETE BLOOD COUNT(CBC)

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	12.06	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	37.9	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	6530	Cells/Cum	4000-11000
DIFFERENTIAL COUNT			
NEUTROPHILS (Method:Optical/Impedance)	66.02	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	28.29	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	1.40	%	0-6
MONOCYTES (Method:Optical/Impedance)	3.99	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.30	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	4.90	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	77.4	fL	78-100
MCH (Method: Calculated)	24.6	pg	27-31
MCHC (Method: Calculated)	31.8	g/dL	31-37
RDW - CV (Method: Calculated)	19.6	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	1.99	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	12.46	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	27.5	fl	9-19
ERYTHROCYTE SEDIMENTATION RATE(ESR) (Method:Modified Westergren Method)	30	mm/hour	1-20

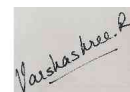
BLOOD GROUPING & RH TYPING

Sample: Whole blood (EDTA)

ABO Group (Method:Agglutination Method)	O
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	Turbid		
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)	Present (+)		Negative
BLOOD (Method:Peroxidase Reaction)	Negative		Negative

MICROSCOPIC EXAMINATION

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EPITHELIAL CELLS	4-6	/HPF	0-5
PUS CELLS	6-8	/HPF	0-5
RBCs	2-4	/HPF	0-2
CASTS	Nil	/LPF	
CRYSTALS	Nil		
OTHERS	NIL		
URINE SUGAR, FASTING (Method:GOD-POD)	Absent		
URINE SUGAR (POST PRANDIAL)	Absent		

Verified By
Arpitha S R

---End of Report---



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