

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. G VIJAY	Order No : 1000119902
UHID : UHJA24012968	Registered On : 08/03/2025 08:48:24 AM
Age/Sex : 39/Years Male	Collected On : 08/03/2025 09:27:54 AM
Ward / Bed No :	Reported On : 08/03/2025 01:16:53 PM
Reference : Dr. Ashmitha Padma	Bill No : OPBJA240018266
Station : At Hospital	Mobile No : 9972085558
Payer Name : Mediwheel	Report Status : Final Report

Test Name	Result	Unit	Bio. Ref. Interval
BIOCHEMISTRY			
FASTING GLUCOSE (Method: Hexokinase)	114	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
POST PRANDIAL GLUCOSE (Method: Hexokinase)	163	mg/dL	70-140
GLYCOSYLATED HAEMOGLOBIN (HBA1C)			Sample: Whole blood (EDTA)
HBA1C (Method: HPLC)	5.8	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
Estimated Average Glucose (eAG) (Method: Calculated)	120	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)	11.04	µg/dL	5.1-14.1
THYROID STIMULATING HORMONE (TSH) (Method: CLIA: Ultra-sensitive) Remarks: Kindly correlate with clinical findings and treatment history if any.	9.97	µIU/mL	0.34-5.60
LIPID PROFILE			Sample: Serum
TOTAL CHOLESTEROL (Method: CHOD-POD)	283	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
TRIGLYCERIDES (Method: Enzymatic GPO-POD)	326	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High

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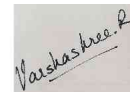
Test Name	Result	Unit	Bio. Ref. Interval
HDL CHOLESTEROL (Method:ENZYMATIC METHOD)	39.9	mg/dL	< 40 - Low ≥ 60 - High
LDL CHOLESTEROL (Method: Calculated)	177.90	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
VLDL CHOLESTEROL (Method: Calculated)	65.20	mg/dL	< 30
TOTAL CHOLESTEROL : HDL RATIO (Method: Calculated)	7.09		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
LDL/HDL CHOLESTEROL RATIO (Method: Calculated)	4.46		< 2.5 Optimal
NON HDL CHOLESTEROL (Method: Calculated)	243.10	mg/dL	< 130
URIC ACID (Method:Uricase - POD(Enzymatic))	7.6	mg/dL	3.5-7.2
CREATININE (Method:Modified Jaffe, Kinetic)	0.99	mg/dL	0.9-1.3
LIVER FUNCTION TEST			
TOTAL BILIRUBIN (Method:Dichlorophenyl Diazotization)	1.05	mg/dL	0.3-1.2
DIRECT BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.18	mg/dL	0.0-0.2
INDIRECT BILIRUBIN (Method: Calculated)	0.87	mg/dL	0.2-1.0
TOTAL PROTEIN (Method:BIURET)	8.0	g/dL	6.6-8.3
ALBUMIN (Method:BCG)	4.66	g/dL	3.5-5.2
GLOBULIN (Method: Calculated)	3.34	g/dL	2.3-3.5

Sample: Serum

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AG RATIO (Method: Calculated)	1.40		2:1
SERUM SGOT (Method:IFCC without P5P)	28	U/L	< 50
SERUM SGPT (Method:IFCC without P5P)	42	U/L	< 50
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	79	U/L	50-116
GGT (Method:IFCC)	41	U/L	< 55



Dr. Varsha Shree R
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CONSULTANT PATHOLOGIST
KMC No : 103567

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HAEMATOLOGY
COMPLETE BLOOD COUNT(CBC)

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	18.89	g/dL	13.5-17.5
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	55.2	%	42-52
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	8710	Cells/Cum	4000-11000
DIFFERENTIAL COUNT			
NEUTROPHILS (Method:Optical/Impedance)	57.28	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	31.01	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	3.26	%	0-6
MONOCYTES (Method:Optical/Impedance)	8.00	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.45	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	5.92	million/cum	4.5-5.9
MCV (Method:Derived from RBC Histogram)	93.2	fL	78-100
MCH (Method: Calculated)	31.9	pg	27-31
MCHC (Method: Calculated)	34.2	g/dL	31-37
RDW - CV (Method: Calculated)	13.0	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	2.71	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	6.41	fl	7-11
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	18.8	fl	9-19
ABSOLUTE NEUTROPHIL COUNT (ANC) (Method: Calculated)	4990	Cells/Cum	1500-7500
ABSOLUTE EOSINOPHIL COUNT (AEC) (Method: Calculated)	280	Cells/Cum	40-440
ABSOLUTE LYMPHOCYTE COUNT (ALC) (Method: Calculated)	2700	Cells/Cum	1000-4000
ABSOLUTE MONOCYTE COUNT (AMC) (Method: Calculated)	700	Cells/Cum	200-1000
ABSOLUTE BASOPHIL COUNT (ABC) (Method: Calculated)	40	Cells/Cum	20-100
ERYTHROCYTE SEDIMENTATION RATE(ESR) (Method:Modified Westergren Method)	15	mm/hour	1-15

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	20	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	0-2	/HPF	0-5
PUS CELLS	2-4	/HPF	0-5
RBCs	Nil	/HPF	0-2
CASTS	Nil	/LPF	
CRYSTALS	Nil		
OTHERS	Nil		
URINE SUGAR, FASTING (Method: GOD-POD)	Absent		
URINE SUGAR (POST PRANDIAL)	Absent		

Verified By
Dr Varsha Shree R

---End of Report---



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