UNITED HOSPITAL
Care Par Excellence

DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mrs. V VIDYA	Order No	: 1000080769
UHID	: UHJA23021612	Registered On	: 29/03/2024 09:19:21 AM
Age/Sex	: 59/Years Female	Collected On	: 01/04/2024 08:39:19 AM
Ward / Bed No	:	Reported On	: 01/04/2024 03:45:00 PM
Reference	: Dr. Preventive Health Check Up	Bill No	: OPBJA230026751
Station	: At Hospital	Mobile No	: 9449874415
Payer Name	: Mediwheel	Report Status	: Final Report

Test Name	Result	Unit	Bio. Ref. Interval
	BIOCHEMISTRY		
FASTING GLUCOSE (Method: Hexokinase)	**111**	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
POST PRANDIAL GLUCOSE (Method: Hexokinase)	**185**	mg/dL	70-140
GLYCOSYLATED HAEMOGLOBIN (HBA1C)			Sample: Whole blood (EDTA)
HBAIC (Method: HPLC)	**6.9**	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
Estimated Average Glucose (eAG) (Method: Calculated)	**151.32**	mg/dL	
THYROID PROFILE (TOTAL T3, TOTAL T4 & TSH)			Sample: Serum
TOTAL T3 (Method:CLIA)	1.11	ng/mL	0.87-1.78
TOTAL T4 (Method:CLIA)	10.97	µg/dL	5.1-14.1
THYROID STIMULATING HORMONE (TSH) (Method:CLIA: Ultra-sensitive)	**7.38**	µIU/mL	0.38-5.33
LIPID PROFILE			Sample: Serum
TOTAL CHOLESTEROL (Method:CHOD-POD)	172	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
TRIGLYCERIDES (Method:Enzymatic GPO-POD)	78	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
HDL CHOLESTEROL (Method:ENZYMATIC METHOD)	58.5	mg/dL	< 40 - Low ≥ 60 - High

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LDL CHOLESTEROL (Method:ENZYMATIC METHOD)	97.9	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
VLDL CHOLESTEROL (Method: Calculated)	15.59	mg/dL	< 30
TOTAL CHOLESTEROL : HDL RATIO (Method: Calculated)	2.9		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
LDL/HDL CHOLESTEROL RATIO (Method: Calculated)	1.6		< 2.5 Optimal
NON HDL CHOLESTEROL (Method: Calculated)	113.5	mg/dL	< 130
URIC ACID (Method:Uricase - POD(Enzymatic))	**6.6**	mg/dL	2.6-6.0
LIVER FUNCTION TEST			Sample: Serum
TOTAL BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.50	mg/dL	0.3-1.2
DIRECT BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.11	mg/dL	0.0-0.2
INDIRECT BILIRUBIN (Method: Calculated)	0.40	mg/dL	0.2-1.0
TOTAL PROTEIN (Method:BIURET)	7.0	g/dL	6.6-8.3
ALBUMIN (Method:BCG)	3.96	g/dL	3.5-5.2
GLOBULIN (Method: Calculated)	3.04	g/dL	2.3-3.5
AG RATIO (Method: Calculated)	1.30		2:1
SERUM SGOT (Method:IFCC without P5P)	21	U/L	< 35

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SERUM SGPT (Method:IFCC without P5P)	15	U/L	< 35
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	77	U/L	46-122
GGT (Method:IFCC)	18	U/L	< 38
UREA (Method:Urease GLDH - Kinetic)	22.6	mg/dL	17-43
BUN/CREATININE RATIO			Sample: Serum
BLOOD UREA NITROGEN(BUN) (Method:Urease GLDH - Kinetic)	11	mg/dL	7.93-20.07
CREATININE (Method:Modified Jaffe, Kinetic)	0.68	mg/dL	0.6-1.1
BUN/CRE-RATIO (Method: Calculated)	16.17		12–20 : 1

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HAEMATOLOGY

COMPLETE BLOOD COUNT(CBC) — Sample: Whole blood (EDTA)

Test Name	Result	Unit	Bio. Ref. Interval
HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	12.40	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	37.3	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	7420	Cells/Cum	4000-11000
DIFFERENTIAL COUNT			
NEUTROPHILS (Method:Optical/Impedance)	42.91	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	41.16	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	**7.99**	%	0-6
MONOCYTES (Method:Optical/Impedance)	7.69	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.25	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	4.28	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	87.1	fL	78-100
MCH (Method: Calculated)	29.0	pg	27-31
MCHC (Method: Calculated)	33.2	g/dL	31-37
RDW - CV (Method: Calculated)	14.4	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	2.85	Lakhs/Cum	1.5-4.5

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Test Name	Result	Unit	Bio. Ref. Interval
MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	**7.80**	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	**19.3**	fl	9-19
ERYTHROCYTE SEDIMENTATION RATE(ESR) (Method:Modified Westergren Method)	30	mm/hour	1-30

BLOOD GROUPING & RH TYPING — Sample: Whole blood (EDTA)

ABO Group (Method:Agglutination Gel Method)	O	
Rh Factor (Method:Agglutination Gel Method)	Negative	

Interpretation Notes

Note: Both forward and reverse grouping performed

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CLINICAL PATHOLOGY

URINE EXAMINATION, ROUTINE

Sample: Urine

Test Name	Result	Unit	Bio. Ref. Interval
PHYSICAL EXAMINATION			
VOLUME	20	mL	
COLOUR	Pale Yellow		
APPEARANCE	Clear		
PH	5.0		5.0-8.0
SPECIFIC GRAVITY	1.020		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	4-6	/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		

Verified By
PREETHI R

---End of Report---

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*NABL renewal under process.