

## DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mrs. SANTHANA MAHALAKSHMI	Order No	: 1000068794
UHID	: UHJ A23016586	Registered On	: 27/01/2024 10:27:32 AM
Age/Sex	: 21/Years Female	Collected On	: 27/01/2024 10:37:13 AM
Ward / Bed No	:	Reported On	: 28/01/2024 01:41:38 PM
Reference	: Dr. Preventive Health Check Up	Bill No	: OPBJ A230020651
Station	: At Hospital	Mobile No	: 6374454636
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)	90	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)	131	mg/dL	70-140
<b>GLYCOSYLATED HAEMOGLOBIN (HBA1C)</b>			Sample: Whole blood (EDTA)
<b>HBA1C</b> (Method: HPLC)	4.9	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
<b>Estimated Average Glucose (eAG)</b> (Method: Calculated)	93.92	mg/dL	
<b>THYROID PROFILE (TOTAL T3, TOTAL T4 &amp; TSH)</b>			Sample: Serum
<b>TOTAL T3</b> (Method: CLIA)	0.81	ng/mL	0.87-1.78
<b>TOTAL T4</b> (Method: CLIA)	6.06	µg/dL	5.1-14.1
<b>THYROID STIMULATING HORMONE (TSH)</b> (Method: CLIA: Ultra-sensitive)	14.39	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
<b>TOTAL CHOLESTEROL</b> (Method: CHOD-POD)	167	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
<b>TRIGLYCERIDES</b> (Method: Enzymatic GPO-POD)	85	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
<b>HDL CHOLESTEROL</b> (Method: ENZYMATIC METHOD)	39.9	mg/dL	< 40 - Low ≥ 60 - High

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<b>LDL CHOLESTEROL</b> (Method:ENZYMATIC METHOD)	110.1	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)	17.00	mg/dL	< 30
<b>TOTAL CHOLESTEROL : HDL RATIO</b> (Method: Calculated)	4.1		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)	2.7		< 2.5 Optimal
<b>NON HDL CHOLESTEROL</b> (Method: Calculated)	127.1	mg/dL	< 130
<b>URIC ACID</b> (Method:Uricase - POD(Enzymatic))	4.1	mg/dL	2.6-6.0
<b>BLOOD UREA NITROGEN(BUN)</b> (Method:Urease GLDH - Kinetic)	12	mg/dL	7.93-20.07
<b>CREATININE</b> (Method:Modified Jaffe, Kinetic)	0.59	mg/dL	0.6-1.1
<b>LIVER FUNCTION TEST</b>			
<b>TOTAL BILIRUBIN</b> (Method:Dichlorophenyl Diazotization)	0.74	mg/dL	0.3-1.2
<b>DIRECT BILIRUBIN</b> (Method:Dichlorophenyl Diazotization)	0.12	mg/dL	0.0-0.2
<b>INDIRECT BILIRUBIN</b> (Method: Calculated)	0.62	mg/dL	0.2-1.0
<b>TOTAL PROTEIN</b> (Method:BIURET)	7.8	g/dL	6.6-8.3
<b>ALBUMIN</b> (Method:BCG)	4.51	g/dL	3.5-5.2
<b>GLOBULIN</b> (Method: Calculated)	3.29	g/dL	2.3-3.5

Sample: Serum

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AG RATIO (Method: Calculated)	1.37		2:1
SERUM SGOT (Method:IFCC without P5P)	18	U/L	< 35
SERUM SGPT (Method:IFCC without P5P)	8	U/L	< 35
ALKALINE PHOSPHATASE, SERUM (Method:PNPP AMP Buffer)	48	U/L	44-107
GGT (Method:IFCC)	13	U/L	< 38



**Dr. Shanthakumar Muruda**  
Sr CONSULTANT BIOCHEMIST  
KMC No : 54192

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HAEMATOLOGY

## COMPLETE BLOOD COUNT(CBC)

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	11.13	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	34.4	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	6370	Cells/Cum	4000-11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS (Method:Optical/Impedance)	59.62	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	26.59	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	5.06	%	0-6
MONOCYTES (Method:Optical/Impedance)	8.38	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.35	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	3.90	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	88.1	fL	78-100
MCH (Method: Calculated)	28.5	pg	27-31
MCHC (Method: Calculated)	32.4	g/dL	31-37
RDW - CV (Method: Calculated)	14.4	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	2.38	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	9.59	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	18.4	fl	9-19
<b>ERYTHROCYTE SEDIMENTATION RATE(ESR)</b> (Method:Modified Westergren Method)	30	mm/hour	1-20
<b>BLOOD GROUPING &amp; RH TYPING</b>			Sample: Whole blood (EDTA)
ABO Group (Method:Agglutination Gel Method )	O		
Rh Factor (Method:Agglutination Gel Method )	Positive		

Interpretation Notes

Note: Both forward and reverse grouping performed

*Naveen N*

**Dr. Naveen Kumar**  
CONSULTANT PATHOLOGIST  
KMC NO : 71418

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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	1.030		1.005-1.030
<b>CHEMICAL EXAMINATION</b>			
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)	Trace		Negative

## MICROSCOPIC EXAMINATION

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EPITHELIAL CELLS	6-8	/HPF	0-5
PUS CELLS	8-10	/HPF	0-5
RBCs	2-4	/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  
NAGARATNA

---End of Report---

*Naveen M*

**Dr. Naveen Kumar**  
CONSULTANT PATHOLOGIST  
KMC NO : 71418





NABH



NABL



No.1

**UNITED  
HOSPITAL**Care Par Excellence  
Jayanagar, Bangalore

Patient name :	Mrs. SANTHANA MAHALSKHMI	Date :	27/01/24
Age :	21 years GENDER: FEMALE	Patient ID :	16586
Ref by :	DR. CMO	OP/ IP :	HEALTH CHECKUP

**2D- ECHOCARDIOGRAPHY****M - MODE AND DOPPLER MEASUREMENTS**

(c.m)	(c.m)	(cm/sec)		
AO : 2.1 (2.5-3.7)	LVIDD : 3.8 (3.5-5.5)	MV EV : 86.3	AV : 57.7	MR : NORMAL
LA : 2.7 (1.9-4.0)	LVIDS : 2.4 (2.4-4.2)	AV : 100		AR : NORMAL
RA : 2.2 (<4.4)	IVSD : 1.0 (0.6-1.1)	PV : 98.5		PR : NORMAL
RV : 1.8 (<3.5)	IVSS : 0.9 (0.9-1.2)	TV EV : ----	AV : ----	TR : NORMAL
TAPSE:1.7 (>1.6)	LVPWD : 0.8 (0.6-1.1)	Diastolic Function : NO LVDD		
	LVPWS : 0.8 (0.9-1.2)			
	EF : 60%			

**DESCRIPTIVE FINDINGS**

Left Ventricle	: NORMAL
Right Ventricle	: NORMAL
Left Atrium	: NORMAL
Right Atrium	: NORMAL
Wall motion analysis	: NO RWMA
Mitral Valve	: NORMAL
Aortic Valve	: NORMAL
Tricuspid Valve	: NORMAL
Pulmonary Valve	: NORMAL
IAS	: INTACT
IVS	: INTACT
Pericardium	: NORMAL
Other Findings	: IVC NORMAL AND COLLAPSING

**IMPRESSION:**

NORMAL CHAMBER DIMENSIONS  
 NORMAL LV SYSTOLIC FUNCTION EF : 60%  
 NORMAL LV DIASTOLIC FUNCTION  
 NO PULMONARTERY HYPERTENSION  
 NO REGIONAL WALL MOTION ABNORMALITIES  
 NO CLOTS/ PERICARDIAL EFFUSION /VEGETATION

**DR. RAHUL S PATIL**  
 CONSULTANT CARDIOLOGIST





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No.1



Care Par Excellence  
Jayanagar, Bangalore

**DEPARTMENT OF RADIODIAGNOSIS**

<b>Name</b>	Santhana Mahalakshmi	<b>Date</b>	27/01/24
<b>Age</b>	21 years	<b>Hospital ID</b>	UHJA23016586
<b>Sex</b>	Female	<b>Ref.</b>	Health check

**ULTRASOUND ABDOMEN AND PELVIS**

**FINDINGS:**

**Liver** is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions. **Portal vein** is normal in size, course and caliber. **CBD** is not dilated.

**Gall bladder** is normal without evidence of calculi, wall thickening or pericholecystic fluid.

**Pancreas** - Visualized part of the pancreatic head and body appears normal in size, contour and echogenicity. Rest of the pancreas is obscured by bowel gas.

**Spleen** is normal in size, shape, contour and echopattern. No evidence of mass or focal lesions.

**Right Kidney** is normal in size (10.0 x 1.3 cms), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

**Left Kidney** is normal in size (9.6 x 1.3 cms), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

**Retroperitoneum-** Visualized aorta appeared normal. No obvious enlarged para-aortic nodes.

**Urinary Bladder** is partially distended.

**Uterus** is anteverted and normal in size. Myometrial and endometrial echoes are normal. Endometrium measures 12 mm.

**Right ovary** is normal in size.

**Left ovary** is normal in size.

**Both adnexa:** Normal. No mass is seen.

There is no ascites or pleural effusion. Appendix could not be localized. No RIF probe tenderness.

**IMPRESSION:**

- **No definite sonological abnormality detected.**

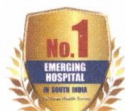
**Dr. Giridhar V S**  
**Consultant Radiologist**



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Jayanagar, Bangalore

**DEPARTMENT OF RADIODIAGNOSIS**

<b>Name</b>	Santhana Mahalakshmi	<b>Date</b>	27/01/24
<b>Age</b>	21 years	<b>Hospital ID</b>	UHJA23016586
<b>Sex</b>	Female	<b>Ref.</b>	Health check

**RADIOGRAPH OF THE CHEST (PA – VIEW)**

**FINDINGS:**

- Bilateral lung fields are normal.
- Bilateral costo-phrenic angles are normal.
- Cardia and mediastinal contours are normal.
- The bony thorax is grossly normal.

**IMPRESSION:**

- No radiographic abnormality.**

**Dr. Giridhar V S**  
**Consultant Radiologist**