

Customer Name	MRS.KUMARI S	Customer ID	MED111039137
Age & Gender	40Y/FEMALE	Visit Date	30/03/2022
Ref Doctor	MediWheelCORPORATE		

## Personal Health Report

# General Examination:

Height: 102.0cms

Weight: 52.3kg

BMI :  $50.2kg/m^2$ 

BP: 120/70mmhg

Pulse: 76/min, regular

# Systemic Examination:

CVS: S1 S2 heard;

RS: NVBS +. Abd: Soft. CNS: NAD

# Blood report:

Haemoglobin - 11.6g/dL - Low.

T3 (Triodothyronine) - 2.37ng/ml - Slightly elevated.

All other blood parameters are well within normal limits. (Report enclosed).

Urine analysis – Within normal limits.

X-Ray Chest - Normal study.

ECG - Normal ECG.

ECHO Cardiography - Mild MR.

USG Whole Abdomen - Fatty liver, Anterior wall uterine fibroid.

Eye Test - Distant and Near vision defect.

Vision	Right eye	Left eye
Distant Vision	6/18	6/18
Near Vision	N12	N12
Colour Vision	Normal	Normal





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# Impression & Advice:

Haemoglobin - 11.6g/dL - Low. Advised to have iron rich diet and iron supplement prescribed by the physician.

T3 (Triodothyronine) - 2.37ng/ml - Slightly elevated. To consult a endocrinologists for further evaluation.

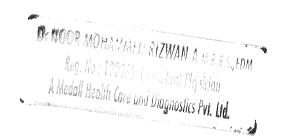
USG Whole Abdomen – Fatty liver, To take low fat diet, and high fiber diets. Regular brisk walking for 45 minutes daily, 5 days a week is essential.

USG Whole Abdomen – Anterior wall uterine fibroid. To consult a gynaecologist.

Eye Test – Distant and Near vision defect. To consult an ophthalmologist for further evaluation and management.

All other health parameters are well within normal limits.

DR. NOOR MOHAMMED RIZWAN A. M.B.B.S, FDM MHC Physician Consultant





Name : Mrs. KUMARI S

PID No. : MED111039137 SID No.

: 222006320

Register On

: 30/03/2022 8:57 AM

Collection On : 30/03/2022 9:36 AM

: 30/03/2022 4:16 PM

MEDALL



Age / Sex : 40 Year(s) / Female

Report On

Printed On

: 30/03/2022 4:05 PM

Type Ref. Dr : OP

: MediWheel----

**CORPORATE** 

Investigation Observed Unit Value

Biological Reference Interval

> Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

THYROID PROFILE / TFT

LDL/HDL Cholesterol Ratio

T3 (Triiodothyronine) - Total

2.37

2.2

ng/ml

0.7 - 2.04

(Serum/Chemiluminescent Immunometric Assay (CLIA))

INTERPRETATION:

(Serum/Calculated)

Comment:

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total

6.92

1.03

μg/dl

μIU/mL

4.2 - 12.0

0.35 - 5.50

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

INTERPRETATION:

Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone)

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester: 0.3-3.0

(Indian Thyroid Society Guidelines)

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM. The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.

3. Values&amplt,0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

Dr S SIVAKUMAR Ph.I Consultant Microbiologist

AN M.D(Path) sultant Pathologist Reg No : 73347

**VERIFIED BY** 

**APPROVED BY** 

-- End of Report --

The results pertain to sample tested.

Page 4 of 4

Lab Address: MEDALL HEALTHCARE PRIVATE LIMITED,#17,RACE VIEW COLONY, 2ND STREET, RACE COURSE ROAD, GUINDY, CHENNAI, TAMIL NADU, INDIA,.

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Ref. Dr

MediWheel----CORPORATE

Investigation

Observed Unit Value

Biological Reference Interval

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	45.2	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	97.3	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	9.1	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	106.4	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189

Very High: >= 220 INTERPRETATION: 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

3.4

Total Cholesterol/HDL Cholesterol

Ratio (Serum/Calculated)

Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0

Triglyceride/HDL Cholesterol Ratio (TG/HDL)

(Serum/Calculated)

Optimal: < 2.5

Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0

High: 190 - 219

Optimal: < 3.3

Dr S SIVAKUMAR Ph.I Consultant Microbiologist

MOIPATH

**VERIFIED BY** 

APPROVED BY

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.08	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.19	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i> )	29.0	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	35.7	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	25.4	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	63.9	U/L	42 - 98
Total Protein (Serum/Biuret)	6.16	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.63	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i> )	2.53	gm/dL	2.3 - 3.6
A: GRATIO (Serum/Derived)	1.43		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	151.6	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	45.7	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499

Dr S SIVAKUMAR Ph.D Consultant Microbiologist **VERIFIED BY** 

Pr.E.Saravanan M.D(Path) Consultant Pathologist Reg No : 73347

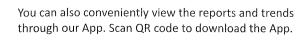
Very High:  $\geq 500$ 

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> Observed Value

Unit Reference Interval

BLOOD GROUPING AND Rh

'O' 'Positive'

**TYPING** 

Investigation

(EDTA Blood/Agglutination)

INTERPRETATION: Reconfirm the Blood group and Typing before blood transfusion

BUN / Creatinine Ratio

17.4

76.1

6.0 - 22.0

**Biological** 

Glucose Fasting (FBS)

(Plasma - F/GOD-PAP)

mg/dL

Normal: < 100 Pre Diabetic: 100 - 125

Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F/GOD - POD)

Negative

Negative

Glucose Postprandial (PPBS)

95.7

mg/dL

70 - 140

(Plasma - PP/GOD-PAP) INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)

13.8

mg/dL

7.0 - 21

Creatinine

0.79

mg/dL

0.6 - 1.1

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcysteine, chemotherapeutic agent such as flucytosine

Uric Acid

(Serum/Enzymatic)

4.7

mg/dL

2.6 - 6.0

Liver Function Test

(Serum/Modified Jaffe)

Bilirubin(Total)

(Serum/DCA with ATCS)

0.27

mg/dL

0.1 - 1.2

Dr S SIVAKUMAR Ph. Consultant Microbiologist **VERIFIED BY** 

APPROVED BY

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Basophils (EDTA Blood/Impedance Variation & Flow	0.2	%	00 - 02
Cytometry)			

Cytometry)

Age / Sex

Туре

INTERPRETATION: Tests done on Automated Five Port call count scopically.

INTERPRETATION: Tests done on Automated F	ive Part cell cou	nter. All abnormal results are	reviewed and confirmed microsc
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	4.72	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.61	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood'Impedance Variation & Flow Cytometry)	0.20	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.51	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood'Impedance Variation & Flow Cytometry)	0.01	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	242	10^3 / μ1	150 - 450
MPV (EDTA Blood/Derived from Impedance)	9.8	fL	8.0 - 13.3
PCT (EDTA Blood'Automated Blood cell Counter)	0.24	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated - Westergren method)	10	mm/hr	< 20

Dr S SIVAKUMAR Ph Consultant Microbiologist **VERIFIED BY** 

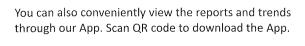
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MEDALL

Investigation  Complete Blood Count With - ESR	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Haemoglobin (EDTA Blood/Spectrophotometry)	11.6	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	35.3	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.21	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	83.8	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	27.6	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	33.0	g/dL	32 - 36
RDW-CV (EDTA Blood'Derived from Impedance)	13.8	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	41.9	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	7050	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	66.9	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	22.8	%	20 - 45
Eosinophils (EDTA Blood'Impedance Variation & Flow Cytometry)	2.9	%	01 - 06
Monocytes (EDTA Blood/Impedance Variation & Flow	7.2	%	01 - 10



(EDTA Blood/Impedance Variation & Flow

Cytometry)

APPROVED BY

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Ref Doctor	MediWheelCORPORATE		

# X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

# **IMPRESSION:**

Chest x-ray shows no significant abnormality.

Dr. Rama Krishnan. MD, DNB., Consultant Radiologist. Medali Healthcare Pvt Ltd.





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## SONOGRAM REPORT

# WHOLE ABDOMEN

The liver is normal in size and shows diffuse fatty changes. No focal lesion is seen.

The gall bladder is normal sized and smooth walled and contains no calculus.

There is no intra or extra hepatic biliary ductal dilatation.

The pancreas shows a normal configuration and echotexture. The pancreatic duct is normal.

The portal vein and the IVC are normal.

The spleen is normal.

There is no free or loculated peritoneal fluid.

No para aortic lymphadenopathy is seen.

No abnormality is seen in the region of the adrenal glands.

The right kidney measures 8.3 x 4.0 cm.

The left kidney measures 10.2 x 5.2 cm.

Both kidneys are normal in size, shape and position. Cortical echoes are normal bilaterally.

There is no calculus or calyceal dilatation.

The ureters are not dilated.

The bladder is smooth walled and uniformly transonic. There is no intravesical mass or calculus.

The uterus is anteverted, and measures 8.9 x 5.5 cm.

A fibroid measuring 4.2 x 3.4 cm is seen in the anterior wall of uterus.





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The endometrial thickness is 8 mm.

The right ovary measures 3.1 x 1.6 cm.

The left ovary measures 3.3 x 2.0 cm.

No significant mass or cyst is seen in the ovaries.

Parametria are free.

Iliac fossae are normal.

# **IMPRESSION:**

- Fatty liver.
- Anterior wall uterine fibroid.

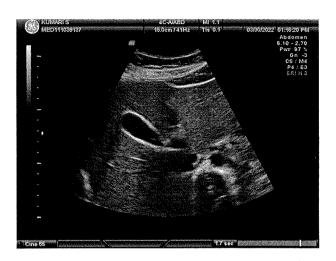
DR. UMALAKSHMI SONOLOGIST

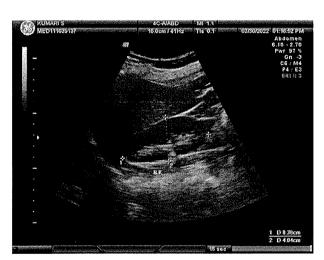


Precision Diagnostics-vadapalani 58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

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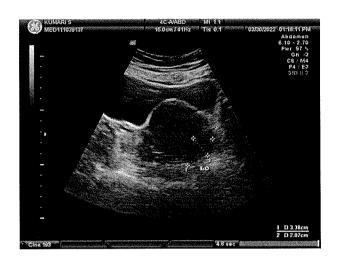


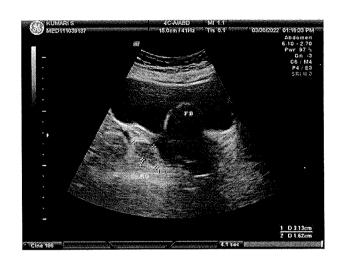


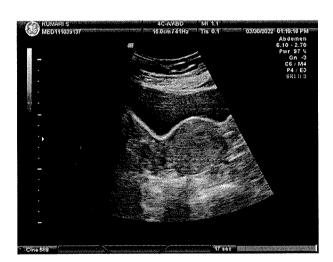


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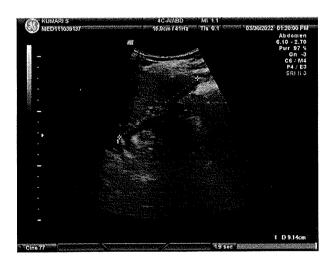
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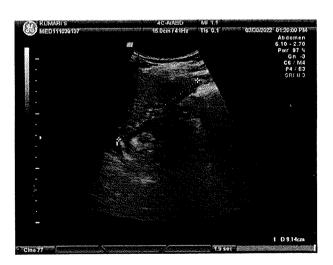














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# <u>DEPARTMENT OF CARDIOLOGY</u> TRANSTHORACIC RESTING ECHO CARDIOGRAPHY REPORT

ECHO INDICATION: Assessment M MODE & 2-D PARAMETERS:

**ACOUSTIC WINDOW: GOOD** 

DOPPLER PARAMETERS

## LV STUDY

### IVS(d) 0.5 cm 1.0 IVS(s) cm LPW(d) 0.9 cm LPW(s) 1.2 cm LVID(d) cm 3.7 2.6 LVID(s) cm EDV ml 53 ESV ml 18 SV ml 34 EF % 64 % 29 FS

Parameters		Patient Value
LA	cm	3.1
AO	cm	2.0

Valves	Velocity max(m/sec mm/Hg)	
AV	0.6 / 2	
PV	0.7 / 3	
MV (E)	0.4	
(A)	0.6	
TV (E)	1.0 / 4	

# FINDINGS:

- ❖ Normal left ventricle systolic function (LVEF 64 %).
- ❖ No regional wall motion abnormality.
- ❖ Grade I LV diastolic dysfunction.
- \* Normal chambers dimension.
- . Mild MR.
- \* Normal pericardium/Intact septae.
- ❖ No clot/aneurysm.

## IMPRESSION:

- **♣ NORMAL LV SYSTOLIC FUNCTION.**
- **♣ NO REGIONAL WALL MOTION ABNORMALITY.**
- **GRADE I LV DIASTOLIC DYSFUNCTION.**
- **↓** MILD MR.

S. Wepuh. s. Vignesh m.sc. echo technician



Precision Diagnostics-vadapalani 58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

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