: Mrs. RAJA SUTHA M K

PID No. : MED120924770

SID No. : 622006999

Name

: 26 Year(s) / Female

Age / Sex

MediWheel Ref. Dr

26/03/2022 10:35 AM Register On

26/03/2022 11:02 AM **Collection On**

27/03/2022 1:31 PM Report On

Printed On

28/03/2022 12:14 PM

Biological Reference Interval

: OP Type



Investigation	Observed Value	Unit	Biological Reference Interval
IMMUNOHAEMATOLOGY			
BLOOD GROUPING AND Rh TYPING (Blood /Agglutination)	'B' 'Positive'		
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	12.71	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	39.98	%	37 - 47
RBC Count (Blood/Impedance Variation)	05.24	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	76.27	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	24.24	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	31.78	g/dL	32 - 36
RDW-CV(Derived from Impedance)	14.0	%	11.5 - 16.0
RDW-SD(Derived from Impedance)	37.37	fL	39 - 46
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	10150	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	55.30	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	38.10	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	04.60	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	01.60	%	01 - 10
Basophils (Blood/Impedance Variation & Flow		%	00 - 02
INTERPRETATION: Tests done on Automate microscopically.	d Five Part cell counte		
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	5.61	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	3.87	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/	0.47	10^3 / µl	0.04 - 0.44



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

< 1.0

10^3 / µl



0.16

Absolute Eosinophii Count (AEC) (Blood/

Impedance Variation & Flow Cytometry)

Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)

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Age / Sex

PAP)

PID No.

: 26 Year(s)/ Female

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Type

Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.04	10^3 / µl	< 0.2
Platelet Count (Blood/Impedance Variation)	318	10^3 / µl	150 - 450
MPV (Blood/Derived from Impedance)	06.91	fL	8.0 - 13.3
PCT(Automated Blood cell Counter)	0.22	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	35	mm/hr	< 20
BIOCHEMISTRY			
BUN / Creatinine Ratio	8.5		
Glucose Fasting (FBS) (Plasma - F/GOD-	78.2	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125

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)

Negative

Negative

Diabetic: >= 126

Glucose Postprandial (PPBS) (Plasma - PP/

100.3

mg/dL

70 - 140

INTERPRETATION:

GOD-PAP)

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.

Negative		Negative
7.4	mg/dL	7.0 - 21
0.87	mg/dL	0.6 - 1.1
7.7	mg/dL	2.6 - 6.0
6.0	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
	7.4 0.87 7.7	7.4 mg/dL 0.87 mg/dL 7.7 mg/dL

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

mg/dL Estimated Average Glucose (Whole Blood) 125.5



avanan M.D(Path) Consultant Pathologist Reg No: 73347



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Biological Reference Interval Unit **Observed Value** Investigation

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies,

Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

Spierioniegaly, Vitalini L ingestion, 1 registro);	ziio diago i i i		
Liver Function Test			04.42
Bilirubin(Total) (Serum)	0.40	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.12	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.28	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	22.5	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	40.7	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	20.9	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	48.3	U/L	42 - 98
Total Protein (Serum/Biuret)	7.62	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.9	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.72	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.80		1.1 - 2.2
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	231.6	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	205.6	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

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.

mg/dL

HDL Cholesterol (Serum/Immunoinhibition)

Optimal(Negative Risk Factor): >= 60

Borderline: 50 - 59 High Risk: < 50

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

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: 622006999 SID No.

: 26 Year(s) / Female Age / Sex

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Type

Biological Reference Interval Unit Observed Value Investigation Optimal: < 100

mg/dL 137.9 LDL Cholesterol (Serum/Calculated) Above Optimal: 100 - 129 Borderline: 130 - 159

High: 160 - 189 Very High: >= 190

< 30 mg/dL 41.1 VLDL Cholesterol (Serum/Calculated) Optimal: < 130 mg/dL

Non HDL Cholesterol (Serum/Calculated) 179.0 Above Optimal: 130 - 159

Borderline High: 160 - 189 High: 190 - 219

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. 4.4

Optimal: < 3.3 Total Cholesterol/HDL Cholesterol Ratio Low Risk: 3.4 - 4.4 (Serum/Calculated) Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0

High Risk: > 11.0

Optimal: < 2.5 Triglyceride/HDL Cholesterol Ratio 3.9

Mild to moderate risk: 2.5 - 5.0 (TG/HDL) (Serum/Calculated)

High Risk: > 5.0

Optimal: 0.5 - 3.0 2.6 LDL/HDL Cholesterol Ratio (Serum/ Borderline: 3.1 - 6.0 Calculated)

High Risk: > 6.0

<u>IMMUNOASSAY</u>

THYROID PROFILE / TFT

0.7 - 2.04ng/ml 0.93 T3 (Trilodothyronine) - Total (Serum/

Chemiluminescent Immunometric Assay (CLIA))

INTERPRETATION:

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.

4.2 - 12.0µg/dl 6.27 T4 (Tyroxine) - Total (Serum/

Chemiluminescent Immunometric Assay (CLIA))

INTERPRETATION:

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.



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



Name

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Type

0.35 - 5.50



Investigation

Observed Value

4.18

Unit μIU/mL Biological Reference Interval

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

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&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

CLINICAL PATHOLOGY

Urine Analysis - Routine

Colour (Urine)

Protein (Urine)

Appearance (Urine)

Pale yellow

Yellow to Amber

Slightly Turbid

Trace

Negative

Clear

Glucose (Urine)

Negative

Negative

Pus Cells (Urine)

6-8

/hpf

NIL

Epithelial Cells (Urine)

/hpf

NIL

RBCs (Urine)

Nil

/hpf

NIL

-- End of Report --



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





Customer Name	MRS.RAJA SUTHA M K	Customer ID	MED120924770
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

Thanks for your reference

REAL - TIME 2D & 4D ULTRASOUND DONE WITH VOLUSON 730 EXPERT . SONOGRAM REPORT

WHOLE ABDOMEN

Liver: The liver is normal in size and shows uniform echotexture with

no focal abnormality. There is no intra or extra hepatic biliary

ductal dilatation.

Gallbladder: The gall bladder is normal sized and smooth walled and contains

no calculus.

Pancreas: The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

Spleen: The spleen is normal.

Kidneys: The right kidney measures 10.6 x 4.8 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 10.1 x 4.7 cm. Normal architecture.

The collecting system is not dilated.

Urinary

bladder: The urinary bladder is smooth walled and uniformly transonic.

There is no intravesical mass or calculus.





Customer Name	MRS.RAJA SUTHA M K	Customer ID	MED120924770
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
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Uterus:

The uterus is anteverted, and measures 7.0 x 4.2 x 5.3 cm.

Myometrial echoes are homogeneous.

The endometrium is central and normal measures 3mm in thickness.

Ovaries:

The right ovary measure 3.1 x 1.9 cm.

The left ovary measures 2.1 x 1.4 cm.

No significant mass or cyst is seen in the ovaries.

Parametria are free.

RIF:

Iliac fossae are normal.

No mass or fluid collection is seen in the right iliac fossa.

The appendix is not visualized.

There is no free or loculated peritoneal fluid. No para aortic lymphadenopathy is seen.

IMPRESSION:

> No significant abnormality.

DR. PRARTHANA ANTOLINE ABHIA. DNB RD., CONSULTANT RADIOLOGIST.





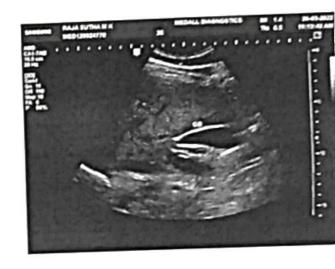
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		Gustamer ID	MED120924770
Customer Name	MRS.RAJA SUTHA M K	Customer ID	26/03/2022
	26Y/FEMALE	Visit Date	20/00/20
Age & Gender Ref Doctor	MediWheel		



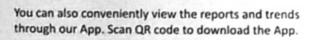




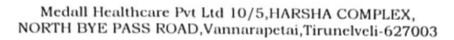












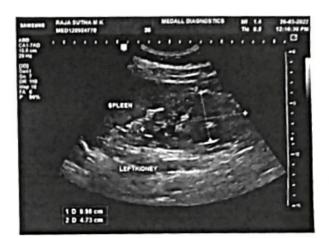


Customer Name	MRS.RAJA SUTHA M K	Customer ID	MED120924770
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel	•	10/00/2022















Customer Name	MRS.RAJA SUTHA M K	Customer ID	
Age & Gender	26Y/FEMALE		MED120924770
Ref Doctor	MediWheel	Visit Date	26/03/2022

Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 4.7 cm LVID s ... 2.9cm EF ... 70% IVS ...0.6cm IVS s ... 1.0cm LVPW d ... 0.5cm LVPW s ... 0.8cm LA ... 3.1cm AO ... 2.7cm TAPSE ... 22mm IVC ... 0.8 cm

Left ventricle, Left atrium normal.

Right ventricle, Right atrium normal.

No regional wall motion abnormality present.

Mitral valve, Aortic valve, Tricuspid valve & Pulmonary valve normal.

Aorta normal.

Inter atrial septum intact.

Inter ventricular septum intact.

No pericardial effusion .





		Customer ID	MED120924770 26/03/2022
Customer Humb	MRS.RAJA SUTHA M K 26Y/FEMALE MediWheel	Visit Date	26/03/2022

Doppler:

Mitral valve : E: 1.04m/s A: 0.73m/s

E/A Ratio: 1.42 E/E: 10.05

Aortic valve: AV Jet velocity: 1.64 m/s

Tricuspid valve: TV Jet velocity: 2.30 m/s TRPG: 21.22 mmHg.

Pulmonary valve: PV Jet velocity: 1.36 m/s

IMPRESSION:

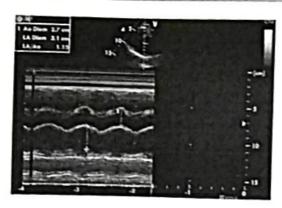
- 1. Normal chambers & Valve.
- 2. No regional wall motion abnormality present.
- 3. Normal LV systolic function.
- 4. Pericardial effusion Nil.
- 5. No pulmonary artery hypertension.

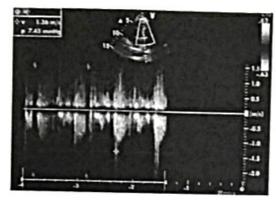
Dr. S. MANIKANDAN. MD.DM.(Cardio) Cardiologist

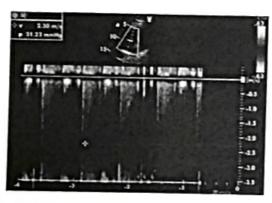


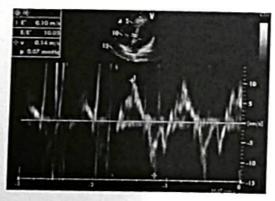
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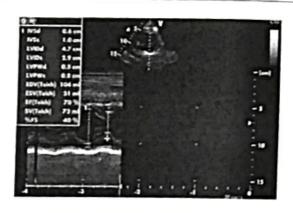
Customer Name	MRS.RAJA SUTHA M K	Customer ID	MED120924770
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		120,00,2022

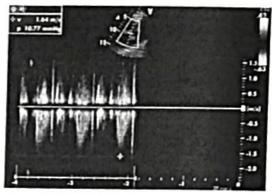


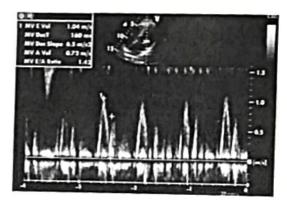


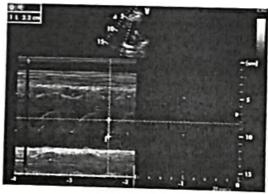














MEDICAL	EXAMINATION REPORT		
Name Raga Sutha. M.	Gender M/F Date of Birth	31/08/	1996
Position Selected For	Identification marks		
. HISTORY:			
1. Do you have, or are you being tro	pated for, any of the following coeditions? (p		
Anxiety	Cancer Hig	h Blood Pres	sure
Arthritis	Depression/ bipolar disorder Hig	h Cholestero	ol
Asthama, Bronchitis, Emphysen	na Diabetes Mig	raine Heada	ches
Back or spinal problems		usitis or Aller	gic Rhinit
Epilepsy	Any other serious problem for (Ha which you are receiving medical attention	y Fever)	
2. List the medications taken Regu			
3. List allergies to any known medi	cations or chemicals		
4. Alcohol: Yes No	Occasional		
5. Smoking : Yes No	Quit(more than 3 years)		
6. Respiratory Function :			
	of breath while walking fast or taking stair - case?	Yes	No -
b. Do you usually cough a lot first	•	Yes	No /
c. Have you vomited or coughed or			
c. riave you vormed or coughed to	out blood?	Yes	No -
7. Cardiovascular Function & Phys	ical Activity:		
a. Exercise Type: (Select 1)			
o No Activity			
o Very Light Activity (Seated At D			
o Light Activity (Walking on level	surface, house cleaning)		
 Moderate Activity (Brisk walking 	, dancing, weeding)		
o Vigrous Activity (Soccer, Runnin	ng)		
b. Exercise Frequency: Regular (le	ess than 3 days/ week) / Irregular (more than 3	3 days/ Wee	k)
c. Do you feel pain in chest when e	engaging in physical activity?	Yes	No 💆
8. Hearing :			
a. Do you have history of hearing t	roubles?	Yes	No _
b. Do you experiences ringing in yo	our ears?	Yes	No L
c. Do you experience discharge fro	om your ears?	Yes	No L
d. Have you ever been diagnosed	with industrial deafness?	Yes	No L
9. Musculo - Skeletal History			
a. Neck:	Have you ever injured or experienced pain?	Yes	No
b. Back :	If Yes; approximate date (MM/YYYY)		
c. Shoulder, Elbow, Writs, Hands	Consulted a medical professional?	Yes	No
d. Hips, Knees, Ankles, Legs	Resulted in time of work?	Yes	No L
	Surgery Required ?	Yes	No
Call Street Barrier	Ongoing Problems ?	Yes	No
			Scanned AnyScan

	a. Do you have pain or discomfort when lifting or handling heavy of b. Do you have knee pain when squatting or kneeling? c. Do you have back pain when forwarding or twisting? d. Do you have pain or difficulty when lifting objects above your site. Do you have pain when doing any of the following for propappropriate response) •Walking: Yes No Standing: Yes No	Yes No Yes No		
В.	B. CLINICAL EXAMINATION :	_		
	a. Height 65 b. Weight 83-3 b. Expanded b. Expanded Waist Circumference Skin Vision Circulatory System Gastro-intestinal System Discuss Particulars of Section B	Fully - 90 System N tem N Throat Throa		
C.	C. REMARKS OF PATHOLOGICAL TESTS: Chest X -ray Complete Blood Count Serum cholesterol Blood Group ECG Urine routine Blood sugar S.Creatinine	, ,		
D.	D. CONCLUSION:	ons suggested		
	Any further investigations required Any precaution			
E.	Certified that the above named recruit does not appear to be suffering from any disease constitutional or otherwise, constitutional weakness or bodily informity except I do not consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitutional consider this as disqualification for employment in the Constitution for employment in the Const			
	Candidate is free from Contagious/Communicable d	, gr		
Da	Date:	Or. S.MANIKANDAN M.D.D.M., (Cardio) Asst. Professor of Cardiology TIRUNELVELI MEDICAL COLLEGE, 10SPIJAL TIRUNELVELIANYScanner		

Eye Examination Report

Candidate Name: Rapa Sitha.

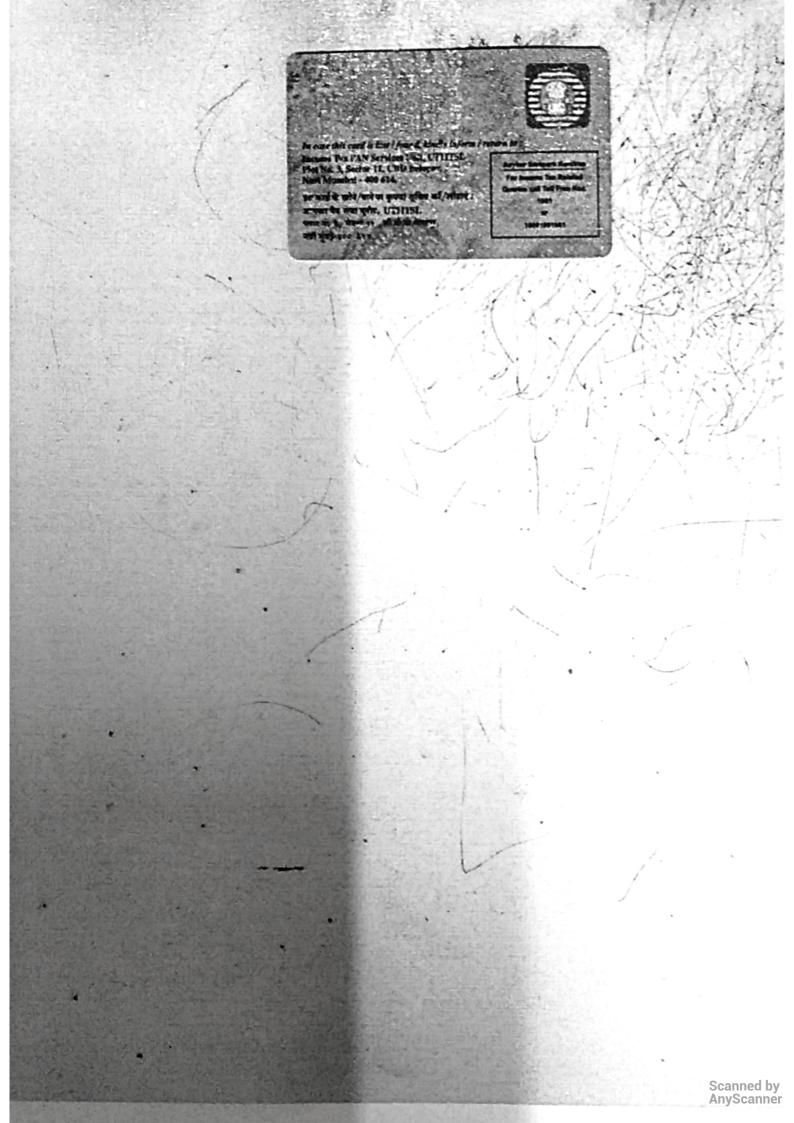
Age/ Gender: 264/Pamale

This is to certify that I have examined Mrs. Ms. Pero Sutho hereby, his/her visual standards are as follows:

With Glasses Color Vision (Normal/Defective)				
Mich aut Classes	With Glasses	Color Vision (Normal) Defeative,		
Without Glasses	2 N/M 1 6/L	Norma		
R 1/N L 6/6	R 19/70 E STO			

Doctor Signature Dr. S. MANIKANDAN M.D.D.M., (Cardio)
Professor of Cardiology
TIRUNELVELI MEDICAL COLLEGE HOSPITAL TIRUNELVELI. Reg No: 61785







Customer Name	MRS. RAJA SUTHA M K	Customer ID	MED120924770
Age & Gender	26Y/FEMALE	Visit Date	26.03.2022
Ref Doctor	MEDIWHEEL 20.03.2022		

Thanks for your reference

DIGITAL X- RAY CHEST PA VIEW

Trachea appears normal.

Few small calcified radiodense lesions noted in right upper zone.

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:

Few small calcified radiodense lesions noted in right upper zone.-?Calcified granulomata.

DR. PRARTHANA ANTOLINE ABHIA, DNB, RD., Consultant Radiologist



