Name	: Mrs. MANI MEGALAI V	
PID No.	: MED122011197	I
SID No.	: 624022767	
Age / Sex	: 31 Year(s) / Female	
Туре	: OP	

Ref. Dr : MediWheel

 Register On
 : 26/10/2024 11:02 AM

 Collection On
 : 26/10/2024 11:16 AM

 Report On
 : 26/10/2024 2:58 PM

 Printed On
 : 19/11/2024 2:53 PM



Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
BLOOD GROUPING AND Rh TYPING	'B' 'Positive'		
(Blood/Agglutination)			
<u>Complete Blood Count With - ESR</u>			
Haemoglobin (Blood/Spectrophotometry)	11.4	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	35.1	%	37 - 47
RBC Count (Blood/Impedance Variation)	3.92	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (Blood/Derived from Impedance)	89.8	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	29.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	32.4	g/dL	32 - 36
RDW-CV (Derived from Impedance)	17.2	%	11.5 - 16.0
RDW-SD (Derived from Impedance)	54.06	fL	39 - 46
Total Leukocyte Count (TC) (Blood/Impedance Variation)	7910	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	46.7	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	37.9	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	10.0	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	5.1	%	01 - 10





avanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Page 1 of 7

Name	: Mrs. MANI MEGALAI V			
PID No.	: MED122011197	Register On	: 26/10/2024 11:02 AM	
SID No.	: 624022767	<b>Collection On</b>	: 26/10/2024 11:16 AM	
Age / Sex	: 31 Year(s) / Female	Report On	: 26/10/2024 2:58 PM	medall
Туре	: OP	Printed On	: 19/11/2024 2:53 PM	DIAGNOSTICS
Ref. Dr	: MediWheel			

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Basophils	0.3	%	00 - 02
(Blood/Impedance Variation & Flow Cytometry)			
<b>INTERPRETATION:</b> Tests done on Automated I	Five Part cell count	er. All abnormal results	are reviewed and confirmed microscopically.
Absolute Neutrophil count (Blood/Impedance Variation & Flow Cytometry)	3.69	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (Blood/Impedance Variation & Flow Cytometry)	3.00	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/Impedance Variation & Flow Cytometry)	0.79	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (Blood/Impedance Variation & Flow Cytometry)	0.40	10^3 / µl	< 1.0
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.02	10^3 / µl	< 0.2
Platelet Count (Blood/Impedance Variation)	290	10^3 / µl	150 - 450
MPV (Blood/Derived from Impedance)	9.5	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.28	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	24	mm/hr	< 20
BUN / Creatinine Ratio	10.42		
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	89.3	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)	Negative		Negative
(Urine - F)			
Glucose Postprandial (PPBS)	92.0	mg/dL	70 - 140
(Plasma - PP/GOD-PAP)			





Dr.R.Lavanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Page 2 of 7

Name	: Mrs. MANI MEGALAI V			
PID No.	: MED122011197	Register On	: 26/10/2024 11:02 AM	~
SID No.	: 624022767	<b>Collection On</b>	: 26/10/2024 11:16 AM	
Age / Sex	: 31 Year(s) / Female	Report On	: 26/10/2024 2:58 PM	medall
Туре	: OP	Printed On	: 19/11/2024 2:53 PM	DIAGNOSTICS
Ref. Dr	: MediWheel			

Investigation	Observed	<u>Unit</u>	Biological
-	<u>Value</u>		Reference Interval

### **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.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative	-	Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	7.19	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.69	mg/dL	0.6 - 1.1
Uric Acid (Serum/ <i>Enzymatic</i> )	3.8	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum)	0.8	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.23	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.57	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i> )	21.5	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	16.8	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	12.1	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i> )	58.7	U/L	42 - 98
Total Protein (Serum/Biuret)	7.10	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.4	gm/dl	3.5 - 5.2





avanya MD Dr.B.I Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Page 3 of 7

Name	: Mrs. MANI MEGALAI V		
PID No.	: MED122011197	Register On : 26/10/2024 11:02 AM	
SID No.	: 624022767	Collection On : 26/10/2024 11:16 AM	
Age / Sex	: 31 Year(s) / Female	Report On : 26/10/2024 2:58 PM	medall
Туре	: OP	Printed On : 19/11/2024 2:53 PM	DIAGNOSTICS
Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Globulin (Serum/Derived)	2.70	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i> ) <u>Lipid Profile</u>	1.63		1.1 - 2.2
Cholesterol Total (Serum/CHOD-PAP with ATCS)	190.0	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	83.4	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.

HDL Cholesterol (Serum/Immunoinhibition)	56.6	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/ <i>Calculated</i> )	116.7	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/ <i>Calculated</i> )	16.7	mg/dL	< 30
			<b>a</b> •

ESUKANTHI RANI ST.Lab Tech VERIFIED BY



Dr.R.Lavanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Name	: Mrs. MANI MEGALAI V			
PID No.	: MED122011197	Register On	: 26/10/2024 11:02 AM	
SID No.	: 624022767	<b>Collection On</b>	: 26/10/2024 11:16 AM	
Age / Sex	: 31 Year(s) / Female	Report On	: 26/10/2024 2:58 PM	medall
Туре	: OP	Printed On	: 19/11/2024 2:53 PM	DIAGNOSTICS
Ref. Dr	: MediWheel			
Investig	ation	<u>Observe</u> <u>Value</u>		Biological Reference Interval
Non HD	DL Cholesterol	133.4	mg/dL	Optimal: < 130

(Serum/Calculated)

Optimal: < 130 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.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	3.4		Optimal: < 3.3 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/ <i>Calculated</i> )	1.5		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	2.1		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
<u>Glycosylated Haemoglobin (HbA1c)</u>			
HbA1C (Whole Blood/ <i>Ion exchange HPLC by D10</i> )	5.5	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
<b>INTERPRETATION:</b> If Diabetes - Good control :	6.1 - 7.0 % , Fa	ir control : 7.1 - 8.0	% , Poor control >= 8.1 %

Estimated Average Glucose 111.15 mg/dL (Whole Blood)





avanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Name	: Mrs. MANI MEGALAI V			
PID No.	: MED122011197	Register On : 2	6/10/2024 11:02 AM	
SID No.	: 624022767	Collection On : 2	26/10/2024 11:16 AM	
Age / Sex	: 31 Year(s) / Female	Report On : 2	26/10/2024 2:58 PM	medall
Туре	: OP	Printed On : 1	9/11/2024 2:53 PM	DIAGNOSTICS
Ref. Dr	: MediWheel			
Investig	gation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
HbA1c p control a Condition hypertrig Condition ingestion	s compared to blood and urinary glu ns that prolong RBC life span like I glyceridemia,hyperbilirubinemia,Dr ns that shorten RBC survival like ac , Pregnancy, End stage Renal disea	acose determinations. ron deficiency anemia, V ags, Alcohol, Lead Poiso cute or chronic blood loss	7 itamin B12 & Folate def ning, Asplenia can give 1 s, hemolytic anemia, Hen	
<u>THYRC</u>	<u>DID PROFILE / TFT</u>			
	iodothyronine) - Total Chemiluminescent Immunometric Assa	y. 1.40	ng/ml	0.7 - 2.04
Commer Total T3		ition like pregnancy, dru	gs, nephrosis etc. In such	cases, Free T3 is recommended as it is
	coxine) - Total Chemiluminescent Immunometric Asso	y 10.27	µg/dl	4.2 - 12.0
Commer Total T4		ition like pregnancy, dru	gs, nephrosis etc. In such	cases, Free T4 is recommended as it is
	hyroid Stimulating Hormone) Themiluminescent Immunometric Asso		µIU/mL	0.35 - 5.50
Reference 1 st trime 2 nd trime 3 rd trime (Indian T <b>Commer</b> 1.TSH re 2.TSH Le be of the	eference range during pregnancy dep	on, reaching peak levels has influence on the me	between 2-4am and at a saured serum TSH conce	





Dr.R.Lavanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

The results pertain to sample tested.

Page 6 of 7

Name	: Mrs. MANI MEGALAI V
PID No.	: MED122011197
SID No.	: 624022767
Age / Sex	: 31 Year(s) / Female
Туре	: OP
Ref. Dr	: MediWheel

Register On	: 26/10/2024 11:02 AM
Collection On	: 26/10/2024 11:16 AM
Report On	: 26/10/2024 2:58 PM
Printed On	: 19/11/2024 2:53 PM



Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
<u>Urine Analysis - Routine</u>			
Colour (Urine)	Pale yellow		Yellow to Amber
Appearance (Urine)	Clear		Clear
Protein (Urine)	Negative		Negative
Glucose (Urine)	Negative		Negative
Pus Cells (Urine)	2 - 4	/hpf	NIL
Epithelial Cells (Urine)	2 - 3	/hpf	NIL
RBCs (Urine)	Nil	/hpf	NIL





avanya MD Consultant - Pathologist Reg No: 90632

APPROVED BY

-- End of Report --

The results pertain to sample tested.



Name	Mrs.MANI MEGALAI V	ID	MED122011197
Age & Gender	31/FEMALE	Visit Date	26/10/2024
Ref Doctor Name	MediWheel		

Thanks for your reference

### ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d	4.8cm
LVID s	2.6cm
EF	78%
IVS d	1.0 cm
IVS s	1.1cm
LVPW d	0.7cm
LVPW s	1.1cm
LA	2.9cm
AO	2.7cm
TAPSE	25mm
IVC	0.8cm

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 .

Doppler:

Mitral valve : E: 1.01m/s A: 0.75m/s E/A Ratio: 1.35 E/E: 10.07

### REPORT DISCLAIMER

7.Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc., 8.If the test results are found not to be correlating clinically can contact the lab in charge for

Gardication or retesting where practicable within 24 hours from the time of issue of results.
 9.Liability is limited to the extend of amount billed.

10.Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false opinion.

11.Disputes, if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.

This is only a radiologincal imperssion.Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.

The results reported here in are subject to interpretation by qualified medical professionals only.
 Customer identities are accepted provided by the customer or their representative.

<sup>4.</sup>information about the customer's condition at the time of sample collection such as fasting, food consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.

<sup>5.</sup>If any specimen/sample is received from any others laboratory/hospital, its is presumed that the sample belongs to the patient identified or named.

<sup>6.</sup>Test results should be interpreted in context of clinical and other findings if any. In case of any clarification /doubt , the refrering doctor/patient can contact the respective section head of the laboratory.



Name	Mrs.MANI MEGALAI V	ID	MED122011197
Age & Gender	31/FEMALE	Visit Date	26/10/2024
Ref Doctor Name	MediWheel		

Aortic valve: AV Jet velocity: 1.41m/s

Tricuspid valve: TV Jet velocity: 1.42m/s Pulmonary valve: PV Jet velocity: 1.44m/s

TRPG: 8.10mmHg.

# **IMPRESSION:**

- 1. Normal chambers & Valves.
- 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

### REPORT DISCLAIMER

- 1. This is only a radiologincal imperssion. Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.
- The results reported here in are subject to interpretation by qualified medical professionals only.
   Customer identities are accepted provided by the customer or their representative.
- 4.information about the customer's condition at the time of sample collection such as fasting, food consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.
- 5.If any specimen/sample is received from any others laboratory/hospital,its is presumed that the sample belongs to the patient identified or named.
- 6.Test results should be interpreted in context of clinical and other findings if any. In case of any clarification /doubt , the refrering doctor/patient can contact the respective section head of the laboratory.
- 7.Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc.,
- 8.If the test results are found not to be correlating clinically can contact the lab in charge for clarification or retesting where practicable within 24 hours from the time of issue of results.
  9.Liability is limited to the extend of amount billed.

10.Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false opinion.

11.Disputes, if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.



Name	Mrs.MANI MEGALAI V	ID	MED122011197
Age & Gender	31/FEMALE	Visit Date	26/10/2024
Ref Doctor Name	MediWheel		

Thanks for your reference

# **SONOGRAM REPORT**

# WHOLE ABDOMEN

Poor penetration of USG due to thick abdominal wall

- **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 partially distended with no demonstrable calculus. Wall thickness appears normal (Post prandial status).
- **Pancreas:** The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

- **Spleen:** The spleen is normal.
- **Kidneys:** The right kidney measures 9.2 x 4.4 cm. Normal architecture.

The collecting system is not dilated. The left kidney measures 9.4 x 4.4 cm. Normal architecture.

The collecting system is not dilated.

Urinary

- **bladder**: The urinary bladder is partially filled. No demonstrable internal echoes noted.
- Uterus: The uterus is anteverted, and measures 6.5 x 3.4 cm.
   Myometrial echoes are homogeneous.
   The endometrium is central and normal measures 5.8 mm in thickness.

### REPORT DISCLAIMER

<sup>1.</sup>This is only a radiologincal imperssion.Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.

The results reported here in are subject to interpretation by qualified medical professionals only.
 Customer identities are accepted provided by the customer or their representative.

<sup>4.</sup>information about the customer's condition at the time of sample collection such as fasting, food

<sup>4.</sup>information about the customer's condition at the time of sample conection such as fasting, food consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.

<sup>5.</sup>If any specimen/sample is received from any others laboratory/hospital, its is presumed that the sample belongs to the patient identified or named.

<sup>6.</sup>Test results should be interpreted in context of clinical and other findings if any. In case of any clarification /doubt , the refrering doctor/patient can contact the respective section head of the laboratory.

<sup>7.</sup>Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc., 8.If the test results are found not to be correlating clinically can contact the lab in charge for

charfication or retesting where practicable within 24 hours from the time of issue of results. 9.Liability is limited to the extend of amount billed.

<sup>10.</sup>Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false opinion.

<sup>11.</sup>Disputes, if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.



Name	Mrs.MANI MEGALAI V	ID	MED122011197
Age & Gender	31/FEMALE	Visit Date	26/10/2024
Ref Doctor Name	MediWheel		

- Ovaries: The right ovary measure 2.2 x 1.9 cm. The left ovary measures 2.3 x 2.1 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.T.ANNIE STALIN MBBS.,F.USG., SONOLOGIST.

### REPORT DISCLAIMER

- This is only a radiologincal imperssion.Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.
- The results reported here in are subject to interpretation by qualified medical professionals only.
   Customer identities are accepted provided by the customer or their representative.
- 4.information about the customer's condition at the time of sample collection such as fasting, food
- consumption address and the easterne's concluded as the time of sample conclutor such as rasing, foor consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.
- 5.If any specimen/sample is received from any others laboratory/hospital, its is presumed that the sample belongs to the patient identified or named.
- 6.Test results should be interpreted in context of clinical and other findings if any. In case of any clarification /doubt , the refrering doctor/patient can contact the respective section head of the laboratory.

7.Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc., 8.If the test results are found not to be correlating clinically can contact the lab in charge for

8.If the test results are found not to be correlating clinically can contact the lab in charge for clarification or retesting where practicable within 24 hours from the time of issue of results.
9.Liability is limited to the extend of amount billed.

10.Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false opinion.

11.Disputes, if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.



Name	Mrs. MANI MEGALAI V	ID	MED122011197
Age & Gender	31Y/F	Visit Date	Oct 26 2024 11:02AM
Ref Doctor	MediWheel		

# X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

# Impression: Essentially normal study.

N. Sandhye

Dr.N.Sandhya, DMRD Consultant Radiologist