

Customer Name	MR.THATHEU CYRL	Customer ID	MED111064666
Age & Gender	32Y/MALE	Visit Date	23/04/2022
Ref Doctor	MediWheel	100000	

# Personal Health Report

## General Examination:

BP: 130/80 mmhg Pulse: 84/ min, regular

# Systemic Examination:

CVS: S1 S2 heard; RS: NVBS +. Abd: Soft. CNS: NAD

# Blood report:

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

Urine analysis - Within normal limits.

X-Ray Chest – Ill-defined opacities are seen in the right upper zone - ? Nature. Please consider CT correlation.

ECG - Normal ECG.

USG whole abdomen - Normal study.

Treadmill Test (TMT) - Negative.

Eye Test - Distant vision defect (with glass).

Vision	Right eye	Left eye
Distant Vision	6/18	6/12
Near Vision	N6	N6
Colour Vision	Normal	Normal

# Impression & Advice:

X-Ray Chest – Ill-defined opacities are seen in the right upper zone - ? Nature. Please consider CT correlation. To consult a chest physician for further evaluation.

Eye Test – Distant vision defect (with glass). To consult an ophthalmologist for further evaluation and management.

All other health parameters are well within normal limits.

DR. NOOR MOHAMMER RIZMAN A. M. B.B.S, FDM

MHC Physician Consultant

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MILLIMITED CIKE PID No. : MED111064666

: 222007712 SID No.

Age / Sex : 32 Year(s) / Male

(Plasma - F/GOD-PAP)

Type : OP

Ref. Dr

: MediWheel

Register On

: 23/04/2022 7:37 AM Collection On : 23/04/2022 8:04 AM

Report On : 23/04/2022 6:53 PM

Printed On : 25/04/2022 2:29 PM



Investigation Observed <u>Value</u> Glucose Fasting (FBS)

90.9

**Unit** 

mg/dL

<u>Biological</u> Reference Interval

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.

**VERIFIED BY** 

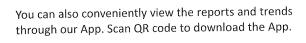
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-- End of Report --

The results pertain to sample tested.

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





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: 23/04/2022 6:53 PM

**Printed On** 

25/04/2022 10:23 AM



Type





Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING	'O' 'Positive'		
(EDTA Blood/Agglutination)			
INTERPRETATION: Reconfirm the Blood grou	p and Typing befor	e blood transfusion	
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	14.5	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	42.7	%	42 - 52
RBC Count (EDTA Blood <i>Impedance Variation)</i>	4.59	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood <i>'Derived from Impedance)</i>	93.1	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	31.6	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood <i>'Derived from Impedance)</i>	34.0	g/dL	32 - 36
RDW-CV (EDTA Blood/ <i>Derived from Impedance)</i>	14.7	%	11.5 - 16.0
RDW-SD (EDTA Blood/ <i>Derived from Impedance)</i>	47.90	fL	39 - 46
Fotal Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	8200	cells/cu.mm	4000 - 11000
Neutrophils EDTA Blood <i>'Impedance Variation &amp; Flow</i> Cytometry)	67.7	%	40 - 75
Lymphocytes EDTA Blood <i>'Impedance Variation &amp; Flow</i> Cytometry)	19.2	%	20 - 45
Eosinophils EDTA Blood <i>Impedance Variation &amp; Flow</i> Cytometry)	4.4	%	01 - 06



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

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Ref. Dr : MediWheel	i inted Off	25/04/2022 10:23 AM	expens who can
Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	<b>8.4</b> :	%	01 - 10
Basophils (EDTA Blood Impedance Variation & Flow Cytometry)	0.3	%	00 - 02
INTERPRETATION: Tests done on Automat	ed Five Part cell count	er. All ahnormal results are	a movience de la companya de la comp
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	5.55	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.57	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.36	10^3 / μΙ	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.69	10^3 / μΙ	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.02	10^3 / μ1	< 0.2

Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

150 - 450

< 15

6.0 - 22.0

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

 $10^{3} / \mu l$ 

mm/hr

mg/dL

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

BUN / Creatinine Ratio

Glucose Fasting (FBS)

(Plasma - F/GOD-PAP)

Platelet Count

(EDTA Blood/Impedance Variation)

(Blood/Automated - Westergren method)

ESR (Erythrocyte Sedimentation Rate)

Negative

250

15

8.87

90.9

Negative

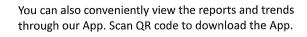


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Investigation			
Investigation	<u>Observed</u> <u>Val</u> ue	<u>Unit</u>	<u>Biological</u>
Glucose Postprandial (PPBS)			Reference Interval
(Plasma - PP/GOD-PAP)	108.0	mg/dL	70 - 140

## 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	on, Anti- diabetic med	neation during treatment for Diabetes  Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	7.1	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.80	mg/dL	0.9 - 1.3

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			1 8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
(Serum/Enzymatic)	5.8	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.52	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.15	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.37	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	16.2	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	15.0	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	22.5	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i> )	79.1	U/L	53 - 128



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u>
Total Protein (Serum/ <i>Biuret</i> )	7.52	gm/dl	Reference Interval 6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.86	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i> )	3.66	gm/dL	2.3 - 3.6
A:GRATIO (Serum/Derived)	1.05		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	194.3	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	107.2	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499

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

HDL Cholesterol (Serum/Immunoinhibition)	34.6	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	138.3	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	21.4	mg/dL	< 30



A.DiPath

Very High: >=500

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Non HDL Cholesterol

Investigation

(Serum/Calculated)

Observed

**Value** 159.7

mg/dL

Unit

Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189

Biological

Reference Interval

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 co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol

Ratio

(Serum/Calculated)

5.6

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/Calculated) 3.1

Optimal: < 2.5

Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0

LDL/HDL Cholesterol Ratio

(Serum/Calculated)

4

Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0

High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)

HbA1C

(Whole Blood)

(Whole Blood/HPLC)

5.2

%

Normal: 4.5 - 5.6

Prediabetes: 5.7 - 6.4 Diabetic:  $\geq 6.5$ 

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 %, Fair control : 7.1 - 8.0 %, Poor control  $\geq$  8.1 %

Estimated Average Glucose

102.54

mg/dL

**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.



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

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
THYROID PROFILE / TFT	ŧ		
T3 (Triiodothyronine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	1.12	ng/ml	0.7 - 2.04

#### INTERPRETATION:

#### 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

9.82

μg/dl

4.2 - 12.0

(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)

4.60

μIU/mL

0.35 - 5.50

(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)

#### Comment:

Protein

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.

# Urine Analysis - Routine

COLOUR Pale yellow Yellow to Amber (Urine)

APPEARANCE Clear

(Urine)

Clear

(Urine/Protein error of indicator)

Negative Negative



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u>
Glucose (Urine/GOD - POD)	Negative		<u>Reference Interval</u> Negative
Pus Cells (Urine/Automated Flow cytometry)	Occasional	/hpf	NIL
Epithelial Cells (Urine/Automated ± EVow cytometry)	Occasional	/hpf	NIL
RBCs (Urine/Automated ± Elōw cytometry)	NIL	/hpf	NIL
Casts (Urine/Automated ± Elōw cytometry)	NIL	/hpf	NIL
Crystals (Urine/Automated ± Flōw cytometry)	NIL	/hpf	NIL
Others (Urine)	NIL		

**INTERPRETATION:** Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.



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

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Ref Doctor	MediWheel		

# SONOGRAM REPORT

## WHOLE ABDOMEN

The liver is normal in size and shows uniform echotexture with no focal abnormality.

The gall bladder is contracted 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 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 9.8 x 4.6 cm.

The left kidney measures 11.7 x 6.1 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 prostate measures 2.5 x 3.7 x 3.5 cm (18 cc) and is normal sized.

The echotexture is homogeneous.





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The seminal vesicles are normal.

Iliac fossae are normal.

# **IMPRESSION:**

Normal study.

DR. UMALAKSHMI SONOLOGIST

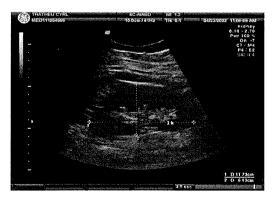
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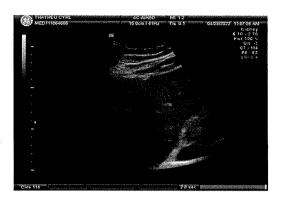
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Name	THATHEU CYRL	Customer ID	MED111064666
Age & Gender	32Y/M	Visit Date	Apr 23 2022 7:15AM
Ref Doctor	MediWheel		
			WW.

# X- RAY CHEST PA VIEW

Ill-defined opacities are seen in the right upper zone - ? Nature. Please consider CT correlation.

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

Dr. Rama Krishnan. MD, DNB., Consultant Radiologist. Medall Healthcare Pyt Ltd.



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