

Customer Name	MS.SANGAMITHIRAI P	Customer ID	MED111064669
Age & Gender	32Y/FEMALE	Visit Date	23/04/2022
Ref Doctor	MediWheel		

Personal Health Report

General Examination:

BP: 120/70 mmhg Pulse: 92/ 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 - Normal study.

ECG - Normal ECG.

USG Whole abdomen - Normal study.

Treadmill Test (TMT) - Negative.

Eye Test - Normal study (with glass).

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

Impression & Advice:

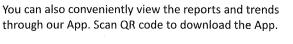
All health parameters are well within normal limits.

DR. NOOR MOHAMMED RIZWAN A. M.B.B.S, FDM

MHC Physician ConsultarWAN A SERBA, FOM

Reg. No : 120325 Consultant Physician

A Medall Health Care and Diagnostics Pvt. Ltd.





PID No. : MED111064669

: 222007713

Age / Sex : 32 Year(s) / Female

: OP

Report On

: 23/04/2022 7:35 AM Collection On : 23/04/2022 8:05 AM

Register On

: 23/04/2022 6:53 PM

Printed On

25/04/2022 8:53 AM





Ref. Dr MediWheel

<u> Siological</u> rence Interval

BLOOD GROUPING AND Rh

TYPING

SID No.

Type

(EDTA Blood/Agglutination)

INTERPRETATION: Reconfirm the Blood group and Typing before blood transfusion

BUN / Creatinine Ratio

11.39

'B' 'Positive'

6.0 - 22.0

Glucose Fasting (FBS) (Plasma - F/GOD-PAP)

95.0

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)

110.3

mg/dL

70 - 140

(Plasma - PP/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.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.0	mg/dL	7.0 - 21
Creatinine	0.79	mg/dL	0.6 - 1.1

(Serum/Modified Jaffe)

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 etc.

Uric Acid

(Serum/Enzymatic)

3.9

mg/dL

2.6 - 6.0

Liver Function Test

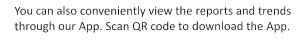


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The results pertain to sample tested.

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





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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Bilirubin(Total) (Serum/DCA with ATCS)	0.15	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.07	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.08	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	18.8	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	14.7	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	12.5	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i>)	83.6	U/L	42 - 98
Total Protein (Serum/Biuret)	6.60	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.66	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i>)	2.94	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i>)	1.24		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	163.4	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	55.7	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500



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Investigation

Observed Value

Unit

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.

Collection On : 23/04/2022 8:05 AM

HDL Cholesterol (Serum/Immunoinhibition) 58.0

mg/dL

Optimal(Negative Risk Factor): >=

Borderline: 50 - 59 High Risk: < 50

LDL Cholesterol (Serum/Calculated)

94.3

mg/dL

Optimal: < 100

Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190

VLDL Cholesterol (Serum/Calculated)

11.1

mg/dL

< 30

Non HDL Cholesterol (Serum/Calculated)

105.4

mg/dL

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)

2.8

Optimal: < 3.3Low 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) 1

Optimal: < 2.5

Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0



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: MediWheel





<u>Investigation</u>	<u>Observed</u> <u>Unit</u> <u>Value</u>	<u>Biological</u> Reference Interval
LDL/HDL Cholesterol Ratio (Serum/Calculated)	1.6	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total

0.93

ng/ml

0.7 - 2.04

(Serum/Chemiluminescent Immunometric Assay (CLIA))

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

11.27

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)

1.62

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:

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

Urine Analysis - Routine

COLOUR (Urine)

Pale yellow

Yellow to Amber



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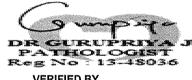
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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
APPEARANCE (Urine)	Slightly Turbid		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated – Flow cytometry)	1 - 2	/hpf	NIL
Epithelial Cells (Urine/Automated – Flow cytometry)	2 - 4	/hpf	NIL
RBCs (Urine/Automated – Flow cytometry)	NIL	/hpf	NIL
Casts (Urine/Automated – Flow cytometry)	NIL	/hpf	NIL
Crystals (Urine/Automated – Flow 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.



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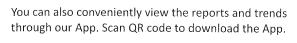
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Investigation Glycosylated Haemoglobin (HbA1c)	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
HbA1C (Whole Blood/HPLC)	5.7	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

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

Estimated Average Glucose

116.89

mg/dL

(Whole Blood)

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 HbAlC 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.

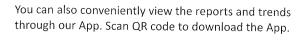
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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.5	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	38.0	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.51	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood'Derived from Impedance)	84.4	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	27.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.8	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	13.9	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	41.1	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	7500	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	53.9	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	29.9	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow Cytometry)	9.4	%	01 - 06
Monocytes (FDTA Blood/Impedance Variation & Flow	6.3	%	01 - 10



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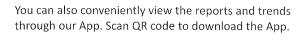
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(EDTA Blood/Impedance Variation & Flow

Cytometry)

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; MediWheel

ESR (Erythrocyte Sedimentation Rate)

(Blood/Automated - Westergren method)

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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.5	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results	s are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	4.0	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.2	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.7	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.5	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.0	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	284	10^3 / μl	150 - 450

< 20

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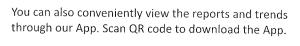
13

mm/hr

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SONOGRAM REPORT

WHOLE ABDOMEN

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

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 9.2 x 4.0 cm.

The left kidney measures 9.7 x 6.0 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 8.6 x 4.3 cm.

Myometrial echoes are homogeneous. The endometrial thickness is 7.6 mm.





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The right ovary measures 2.9 x 2.1 cm.

The left ovary measures $2.7 \times 2.2 \text{ cm}$.

No significant mass or cyst is seen in the ovaries.

Parametria are free.

Iliac fossae are normal.

IMPRESSION:

Normal study.

DR. UMALAKSHMI SONOLOGIST



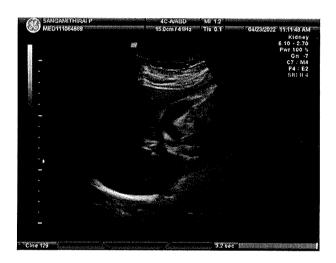
Precision Diagnostics-vadapalani 58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

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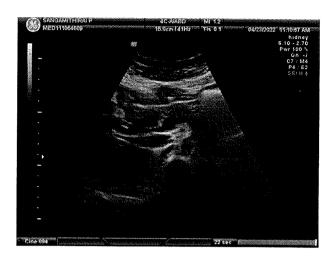


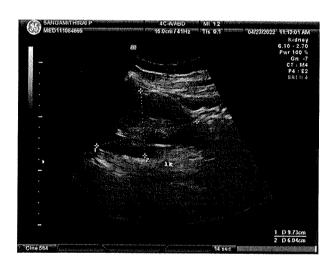


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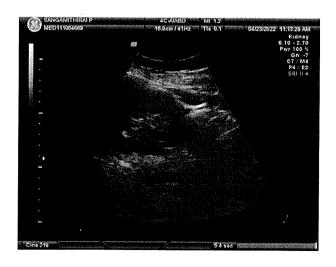
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X- RAY CHEST PA VIEW

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.

