

Customer Name	MRS.DIVYA S	Customer ID	MED111340822
Age & Gender	33Y/FEMALE	Visit Date	15/10/2022
Ref Doctor	MediWheel		

Personal Health Report

General Examination:

Height: 156.5 cms Weight: 67.5 kg BMI: 27.5 kg/m²

Systemic Examination:

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

BP: 130/80 mmhg

Pulse: 102/ min, regular

Blood report:

Glucose-(FBS)-227.8 mg/dl & Glucose (PP) - 312.9 mg/dl- and HbA1C test -10.6% - Elevated.

Liver function test – Bilirubin-Total-1.37mg/dl/Direct-0.31mg/dl, Indirect – 1.06 mg/dl, SGOT/AST–81.9 U/L, SGPT/ALT-172.2 U/L and GGT – 92.9 U/L – Slightly elevated

ESR-23%-Elevated.

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

Urine analysis - Urine glucose fasting - Positive (++) and urine glucose post prandial - Positive (+++). .

X-Ray Chest - Normal study.

ECG - Normal ECG.

Audiometry - Normal study.

TMT - Negative study.

USG Whole abdomen – Mild coarse liver parenchymal echoes with increased echogenicity to correlated with liver function test; chronic cystitis.





C t Nomo	MRS.DIVYA S	Customer ID	MED111340822
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Eye Test - Distant vision defect.

D: 14	Left eye
Right eye	
6/12	6/12
N6	N6
Normal	Normal
	N6

Impression & Advice:

Glucose-(FBS)-227.8 mg/dl & Glucose (PP) - 312.9 mg/dl- and HbA1C test -10.6% - Elevated. Urine glucose fasting - Positive (++) and urine glucose post prandial - Positive (+++). To consult a diabetologist for further evaluation and management. To have diabetic diet recommended by the dietician.

Liver function test - Bilirubin-Total-1.37mg/dl/Direct-0.31mg/dl, Indirect - 1.06 mg/dl, SGOT/AST-81.9 U/L, SGPT/ALT-172.2 U/L and GGT - 92.9 U/L - Slightly elevated - To consult a gastroenterologist for further evaluation and management.

ESR- 23%- Elevated. To consult general physician for further evaluation and management.

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

USG Whole abdomen - Mild coarse liver parenchymal echoes with increased echogenicity to correlated with liver function test; chronic cystitis. To consult a gastroenterologist for further evaluation.

All other health parameters are well within normal limits.

DR. NOOR MOHAMMED RIZWAN A. M. B.B.S, FDM i.eg. No: 120325 Consultant Physician

A Medall Health Care and Diagnostics P.V. Ltd.

MHC Physician Consultant



: Mrs. DIVYA S

PID No.

: MED111340822

SID No.

: 222017938

Age / Sex : 33 Year(s) / Female

Register On

: 15/10/2022 8:07 AM

Collection On : 15/10/2022 8:53 AM 15/10/2022 2:43 PM

Type : OP

Report On **Printed On**

: 17/10/2022 9:15 AM

Ref. Dr : MediWheel

Investigation

Observed **Unit Biological Value** Reference Interval BLOOD GROUPING AND Rh 'B' 'Positive'

MEDALL

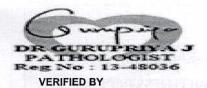
TYPING

(EDTA Blood/Agglutination)

INTERPRETATION: Reconfirm the Blood group and Typing before blood transfusion

unlata Blood Count With

Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	13.8	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	42.9	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.97	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	86.3	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	27.9	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.3	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	13.6	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	41.08	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	9650	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	54.9	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	34.9	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow	2.2	%	01 - 06



Cytometry)

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The results pertain to sample tested.

Page 1 of 7

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: OP

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Monocytes (EDTA Blood <i>Impedance Variation & Flow</i> Cytometry)	7.5	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.5	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results are	e reviewed and confirmed microscopically
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	5.30	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	3.37	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.21	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.72	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.05	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	283	10^3 / μ1	150 - 450
MPV (EDTA Blood/Derived from Impedance)	8.7	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.25	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated - Westergren method)	23	mm/hr	< 20
BUN / Creatinine Ratio	13.2		6.0 - 22.0



Glucose Fasting (FBS)

(Plasma - F/GOD-PAP)

Normal: < 100

Pre Diabetic: 100 - 125

Diabetic: >= 126

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mg/dL

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: MediWheel

Investigation	Observed Unit	Biological
	Value	Reference Interval

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

mg/dL

blood glucose level.

Glucose, Fasting (Urine)

Positive(++)

Negative

(Urine - F/GOD - POD)

Glucose Postprandial (PPBS)

312.9

70 - 140

(Plasma - PP/GOD-PAP) INTERPRETATION:

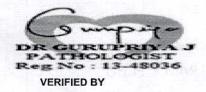
Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise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

Urine Glucose(PP-2 hours) (Urine - PP)	Positive(+++	•	Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	7.8	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.59	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

Cic.			
Uric Acid (Serum/Enzymatic)	2.7	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	1.37	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.31	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	1.06	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase)	81.9	U/L	5 - 40

Remark: kindly correlate clinically, suggested repeat testing with a fresh sample, if clinically indicated.



(Serum/Modified IFCC)

The results pertain to sample tested.

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33 Year(s) / Female

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: MediWheel Ref. Dr

OP





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SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	172.2	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	92.9	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	75.5	U/L	42 - 98
Total Protein (Serum/Biuret)	7.39	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.85	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i>)	3.54	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.09		1.1 - 2.2
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	186.5	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	155.5	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)

33.6 mg/dL Optimal(Negative Risk Factor): >=

Borderline: 50 - 59

High Risk: < 50



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The results pertain to sample tested.

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Name : Mrs. DIVYA S

Age / Sex :

PID No. : MED111340822

SID No. : 222017938

222017020

33 Year(s) / Female

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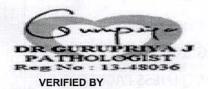
Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
LDL Cholesterol (Scrum/Calculated)	121.8	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	31.1	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	152.9	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.

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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)	4.6		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	3.6		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	10.6	%	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 %



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

APPROVED BY

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MED111340822

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Collection On : 15/10/2022 8:53 AM

Report On : 15/10/202

Type : OP

Investigation

Age / Sex : 33 Year(s) / Female Report C

On : 15/10/2022 2:43 PM

Ref. Dr : MediWheel

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Observed
ValueUnitBiological
Reference Interval257.52mg/dL

MEDALL

Estimated Average Glucose

(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 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.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total

0.81

6.51

2.22

ng/ml

µg/dl

μIU/mL

0.7 - 2.04

4.2 - 12.0

0.35 - 5.50

(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

14 (Tyroxine) - Total

(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

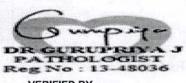
(Indian Thyroid Society Guidelines)

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.



VERIFIED BY

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

APPROVED BY

The results pertain to sample tested.

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Ref. Dr

Others (Urine)

: 222017938

: MediWheel

: 33 Year(s) / Female

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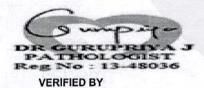




Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Urine Analysis - Routine			
COLOUR (Urine)	Pale yellow		Yellow to Amber
APPEARANCE (Urine)	Clear		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Positive(+++)		Negative
Pus Cells (Urine/Automated – Flow cytometry)	Occasional	/hpf	NIL
Epithelial Cells (Urine/Automated - Flow cytometry)	Occasional	/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

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

NIL



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-- End of Report --

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SONOGRAM REPORT

WHOLE ABDOMEN

The liver is normal in size and shows coarse parenchymal echoes with increased echogenicity to correlate with liver function test.

The gall bladder is normal sized, 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 12.2 x 5.3 cm.

The left kidney measures 12.9 x 7.0 cm.

Few concretions (1-2 mm) are noted in left kidney.

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

There is no calculus or calvceal dilatation.

The ureters are not dilated.

The bladder wall shows thickened and measures 5.6 mm with few internal echoes. There is no intravesical mass or calculus.

The uterus is elongated, post LSCS status and measures 10.6 x 3.4 cm.

Myometrial echoes are homogeneous. The endometrium is normal – 8 mm.

The right ovary measures 2.6 x 1.8 cm.

The left ovary measures 2.4 x 1.6 cm.





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No significant mass or cyst is seen in the ovaries.

Parametria are free.

Iliac fossae are normal.

IMPRESSION:

- > Mild coarse liver parenchymal echoes with increased echogenicity to correlate with liver function test.
- > Chronic cystitis.

DR. UMALAKSHMI SONOLOGIST

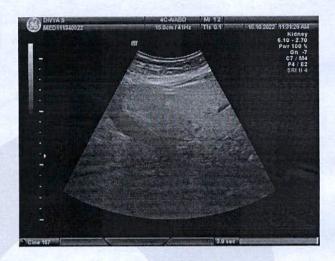


Medall Healthcare Pvt Ltd

58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionComplete Wild Care Office),

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Name	DIVYA S	ID	MED111340822
Age & Gender	33Y/F	Visit Date	Oct 15 2022 7:26AM
Ref Doctor	MediWheel		

X-RAY CHEST (PA VIEW)

The cardio thoracic ratio is normal.

The lung fields show normal broncho-vascular markings.

Both the pulmonary hila are normal in size.

The costophrenic and cardiophrenic recesses and the domes of diaphragm are normal.

The bones and soft tissues of the chest wall show no abnormality.

IMPRESSION:

No significant abnormality detected.

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



