--- A MEDALL COMPANY --CUSTOMER CHECKLIST Date 11-Feb-2023 8:47 AM

Customer Name: MRS.BHAVYA RAO

Ref Dr Name : MediWheel

ustomer Id : MED111492047

DOB

:16 Jan 1986

Age

:37Y/FEMALE

Phone

:9008657747

No

Corp Name

mail Id

: MediWheel

Address

Package Name: Mediwheel Full Body Health Checkup Female Below 40

S.No	Modality	Study	Accession No	Time	Seq	Signature
1	LAB	BLOOD UREA NITROGEN				
		(BUN)				
2	LAB	GLUCOSE - FASTING				
3	LAB	GLUCOSE - POSTPRANDIAL				13333
		(2 HRS)				
4	LAB	GLYCOSYLATED				
		HAEMOGLOBIN (HbA1c)				
5	LAB	LIPID PROFILE				
6	LAB	LIVER FUNCTION TEST (LFT)				
7	LAB	URIC ACID -				
8	LAB	URINE GLUCOSE - FASTING				
9	LAB	URINE GLUCOSE -				
		POSTPRANDIAL (2 Hrs)				
1	0 LAB	COMPLETE BLOOD COUNT			P R	
		WITH ESR				
1:	1 LAB	THYROID PROFILE/ TFT( T3,			1	
		T4, TSH)				
12	LAB	STOOL ANALYSIS - ROUTINE				THE REAL PROPERTY.

			Facility Management Park	
	8	URINE ROUTINE		
	LAB	CREATININE		
	LAB	BLOOD GROUP & RH TYPE		
		(Forward Reverse) BUN/CREATININE RATIO		
	LAB	physical examination	MYS2764386102651	
	OTHERS	ULTRASOUND ABDOMEN-	MYS2764386103462	BEEN MARKET
	OTHERS	Treadmill / 20 Echo	MYS2764386127528	
20	OTHERS	EYE CHECKUP	MYS2764386135592	
21	X-RAY	X RAY CHEST	MYS2764386145199	
22	OTHERS	Consultation Physician	MYS2764386148004	
23	ЕСНО	ELECTROCARDIOGRAM ECG	MYS2764386149333	

Registerd By (SOWMYA, RAJU)



Customer Name	MRS.BHAVYA RAO	Customer ID	MED111492047	
Age & Gender	37Y/FEMALE	Visit Date		
Ref Doctor MediWheel		Tisk Date	11/02/2023	

## ABDOMINO-PELVIC ULTRASONOGRAPHY

**LIVER** is normal in shape, size and has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents.
Gall bladder wall is of normal thickness. CBD is of normal calibre.

**PANCREAS** has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.

**KIDNEYS** move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis.

	- Luchen villar fillek negg feme
9.7	Parenchymal thickness (cms)
9.2	1.5
	9.2

**URINARY BLADDER** show normal shape and wall thickness. It has clear contents.

**UTERUS** is anteverted and has normal shape and size. It has uniform myometrial echopattern. Endometrial echo is of normal thickness 5.1 mms.

Uterus measures as follows: LS: 7.1cms

AP: 4.2cms

TS: 5.8cms.

OVARIES are normal size, shape and echotexture.

Right ovary measures: 3.1 x 2.2cms

Left ovary measures: 2.8 x 2.2cms

POD & adnexa are free.

No evidence of ascites.

## **IMPRESSION:**

NO SIGNIFICANT ABNORMALITY DETECTED.

CONSULTANT RADIOLOGISTS

DR. ANITHA ADARSH

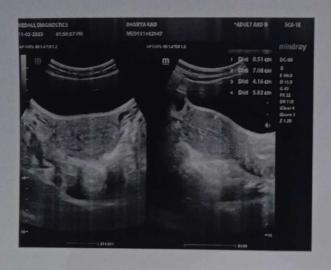
DR. MOHAN B





# Medall Diagnostics Ballal Circle(Ashoka circle) - Mysore

Customer Name	MRS.BHAVYA RAO	Customer ID	MED111492047	
Age & Gender	37Y/FEMALE	Visit Date	11/02/2023	
Ref Doctor	MediWheel			



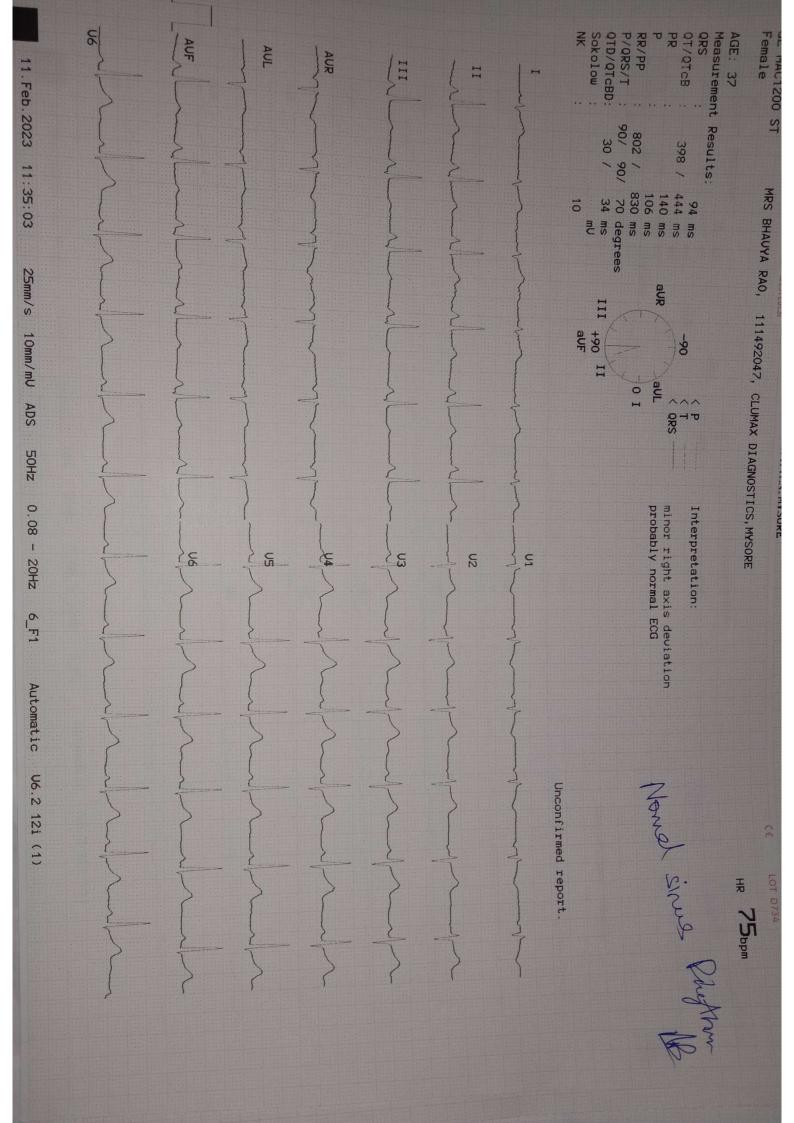














Customer Name	MRS.BHAVYA RAO	Customer ID	MED111492047
Age & Gender	37Y/FEMALE	Visit Date	11/02/2023
Ref Doctor	MediWheel		

## 2 D ECHOCARDIOGRAPHIC STUDY

## M mode measurement:

AORTA : 3.7cms

LEFT ATRIUM : 2.7cms

LEFT VENTRICLE (DIASTOLE) : 3.6cms

(SYSTOLE) : 2.3cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.8cms

(SYSTOLE) : 1.0cms

POSTERIOR WALL (DIASTOLE) : 0.7cms

(SYSTOLE) : 1.0cms

EDV : 75ml

ESV : 25ml

FRACTIONAL SHORTENING : 32%

EJECTION FRACTION : 60%

RVID: 1.7cms

## **DOPPLER MEASUREMENTS:**

MITRAL VALVE : 'E' - 0.75m/s 'A' - 0.50 m/s NO MR

AORTIC VALVE : 1.10m/s NO AR

TRICUSPID VALVE : 'E' - 0.50m/s 'A' - 0.40m/s NO TR

PULMONARY VALVE : 0.90m/s NO PR





omer me	MRS.BHAVYA RAO	Customer ID	MED111492047	
Age & Gender	37Y/FEMALE	Visit Date		
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## 2D ECHOCARDIOGRAPHY FINDINGS:

Left ventricle : Normal size, Normal systolic function.

No regional wall motion abnormalities.

Left Atrium : Normal.

Right Ventricle : Normal.

Right Atrium : Normal.

Mitral valve : Normal, No mitral valve prolapse.

Aortic valve : Normal, Trileaflet.

Tricuspid valve : Normal.

Pulmonary valve : Normal.

IAS : Intact.

IVS : Intact.

Pericardium : No pericardial effusion.

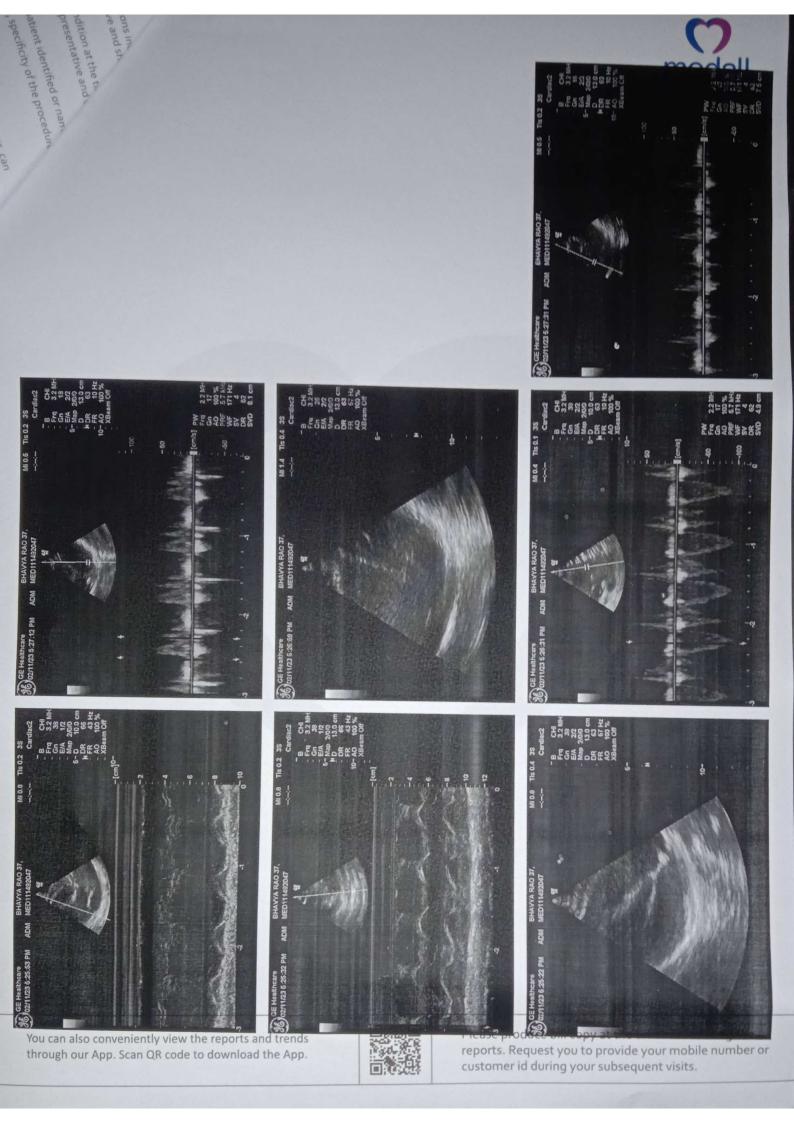
## **IMPRESSION:**

- > NORMAL SIZED CARDIAC CHAMBERS.
- > NORMAL LV SYSTOLIC FUNCTION. EF:60%.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS/ PERICARDIAL EFFUSION VEGETATION.

Vicent

DR. NIKHIL B
INTERVENTIONAL CARDIOLOGIST
NB/SA







BHAVYA RAO 37 MED111492047 F CHEST PA 2/11/2023 11:38 MEDALL CLUMAX DIAGNOSTIC

PID No. : MED111492047 Register On : 712304620

Age / Sex : 37 Year(s) / Female

Collection On : 11/02/2023 9:43 AM Report On : 11/02/2023 6:16 PM

Type : OP : 11/02/2023 7:26 PM **Printed On** 

Ref. Dr : MediWheel

SID No.



Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.9	g/dL	12.5 - 16.0
INTERPRETATION: Haemoglobin values vary in Mer blood loss, renal failure etc. Higher values are often due			
PCV (Packed Cell Volume) / Haematocrit (EDTA Blood/Derived)	38.0	%	37 - 47
RBC Count (EDTA Blood/Automated Blood cell Counter)	4.54	mill/cu.mm	4.2 - 5.4
MCV (Mean Corpuscular Volume) (EDTA Blood/Derived from Impedance)	84.0	fL	78 - 100
MCH (Mean Corpuscular Haemoglobin) (EDTA Blood/Derived)	28.4	pg	27 - 32
MCHC (Mean Corpuscular Haemoglobin concentration) (EDTA Blood/Derived)	34.0	g/dL	32 - 36
RDW-CV (Derived)	13.4	%	11.5 - 16.0
RDW-SD (Derived)	39.40	fL	39 - 46
Total WBC Count (TC) (EDTA Blood/Derived from Impedance)	6860	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	39	%	40 - 75
<b>Remark:</b> Kindly correlate clinically.			

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**APPROVED BY** 

%

(Blood/Impedance Variation & Flow Cytometry)

Remark: Kindly correlate clinically.

Lymphocytes

20 - 45

Age / Sex : 37 Year(s) / Female

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	10	%	01 - 06
<b>Remark:</b> Kindly correlate clinically.			
Monocytes (Blood/Impedance Variation & Flow Cytometry)	05	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.68	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	3.16	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.69	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.34	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.00	10^3 / µl	< 0.2
Platelet Count (EDTA Blood/Derived from Impedance)	311	10^3 / μl	150 - 450
MPV (Blood/ <i>Derived</i> )	9.9	fL	8.0 - 13.3
PCT	0.31	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/Automated ESR analyser)	06	mm/hr	< 20



Age / Sex : 37 Year(s) / Female

: OP

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Ref. Dr : MediWheel

Type



Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.4	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.2	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.20	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.4	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.2	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	3.20	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.31		1.1 - 2.2
INTERPRETATION: Remark: Electrophoresis is the p	preferred method		
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC / Kinetic)	20	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	16	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/PNPP / Kinetic)	55	U/L	42 - 98
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	17	U/L	< 38





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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/Oxidase / Peroxidase method)	202	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	89	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

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**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.

r · · · · · · · · · · · · · · · · · · ·			
HDL Cholesterol (Serum/Immunoinhibition)	57	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	127.2	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	17.8	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	145.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220





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Age / Sex : 37 Year(s) / Female Report On : 11/02/2023 6:16 PM

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**Type** : OP

Ref. Dr : MediWheel



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

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 3.5 Optimal: < 3.3Low Risk: 3.4 - 4.4 (Serum/Calculated)

Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0

Triglyceride/HDL Cholesterol Ratio Optimal: < 2.51.6

(TG/HDL) Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0

(Serum/Calculated)

LDL/HDL Cholesterol Ratio 2.2 Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 (Serum/Calculated)

High Risk: > 6.0







**Age / Sex** : 37 Year(s) / Female **Report On** : 11/02/2023 6:16 PM

**Printed On** 

Type : OP

Ref. Dr : MediWheel



Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.5	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

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

Estimated Average Glucose 111.15 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 HbAlc.



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**Printed On** 

Type : OP

Ref. Dr : MediWheel



<u>Investigation</u>	Observed Un	<u>Biological</u>
	Value	Reference Interval

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## **IMMUNOASSAY**

## THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.06 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 (Thyroxine) - Total 9.93 Microg/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) 2.907 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&amplt 0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.



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<u>Investigation</u>	<u>Observed</u>	<u>Unit</u>	<u>Biological</u>
	<u>Value</u>		Reference Interval
CLINICAL PATHOLOGY			

## **PHYSICAL EXAMINATION**

Colour	Dark yellow	Yellow to Amber
(Urine/Physical examination)		
Volume	20	ml
(Urine/Physical examination)		
Appearance	Slightly turbid	

Jrine)			
HEMICAL EXAMINATION			
Н	6.5		4.5 - 8.0
Jrine)			
pecific Gravity Jrine/Dip Stick <sup>-</sup> Reagent strip method)	1.010		1.002 - 1.035
rotein	Negative		Negative
Trine/Dip Stick Reagent strip method)			
lucose	Nil		Nil
Jrine)			2711
etone	Nil		Nil
Jrine/Dip Stick Reagent strip method)	Dogistico	1	Manatina
eukocytes <sup>Jrine</sup> )	Positive	leuco/uL	Negative
itrite	Nil		Nil
Jrine/Dip Stick Reagent strip method)			
ilirubin <sub>Irine)</sub>	Negative	mg/dL	Negative
lood	Present		Nil
Jrine)		Ü	_



(Urine)



Age / Sex : 37 Year(s) / Female

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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Urobilinogen	Normal		Within normal limits
(Urine/Dip Stick Reagent strip method)			
<u>Urine Microscopy Pictures</u>			
RBCs	2-3	/hpf	NIL
(Urine/Microscopy)			
Pus Cells	6-8	/hpf	< 5
(Urine/Microscopy)			
Epithelial Cells	8-10	/hpf	No ranges
(Urine/Microscopy)			
Others	Bacteria present.		Nil



(Urine)





**Age / Sex** : 37 Year(s) / Female **Report On** : 11/02/2023 6:16 PM

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InvestigationObservedUnitBiologicalValueReference Interval

## **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING

(EDTA Blood/Agglutination)

Remark: Test to be confirmed by Gel method.

'O' 'Negative'



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Investigation BIOCHEMISTRY	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BUN / Creatinine Ratio	9.1		
Glucose Fasting (FBS)	85	mg/dL	Normal: < 100

Pre Diabetic: 100 - 125 (Plasma - F/GOD- POD) Diabetic: >= 126

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

Nil Urine sugar, Fasting Nil (Urine - F) Glucose Postprandial (PPBS) 90 mg/dL 70 - 140

(Plasma - PP/GOD - POD)

#### 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 Sugar (PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	8.2	mg/dL	7.0 - 21
Creatinine (Serum/Jaffe Kinetic)	0.9	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-acetylcyteine , chemotherapeutic agent such as flucytosine

Uric Acid 3.2 2.6 - 6.0mg/dL

(Serum/Uricase/Peroxidase)



**VERIFIED BY** 



**APPROVED BY** 

-- End of Report --



Name	BHAVYA RAO	ID	MED111492047
Age & Gender	37Y/F	Visit Date	Feb 11 2023 8:47AM
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: No significant abnormality detected.

DR. MOHAN, B

(DMRD, DNB, EDIR, FELLOW IN CARDIAC

MRI)

CONSULTANT RADIOLOGIST