

Name	Rukkamma	ID	MED111209952
Age & Gender	42Year(s)/FEMALE	Visit Date	7/23/2022 12:00:00 AM
Ref Doctor Name	MediWheel		

## 2 D ECHOCARDIOGRAPHIC STUDY

### M mode measurement:

AORTA	:	2.3cms
LEFT ATRIUM	:	2.5cms
AVS	:	----
LEFT VENTRICLE (DIASTOLE)	:	4.0cms
(SYSTOLE)	:	2.7cms
VENTRICULAR SEPTUM (DIASTOLE)	:	0.8cms
(SYSTOLE)	:	1.1cms
POSTERIOR WALL (DIASTOLE)	:	0.8cms
(SYSTOLE)	:	1.2cms
EDV	:	71ml
ESV	:	28ml
FRACTIONAL SHORTENING	:	32%
EJECTION FRACTION	:	61%
EPSS	:	---
RVID	:	1.5cms

### DOPPLER MEASUREMENTS:

MITRAL VALVE	:	E' 0.94 m/s	A' 0.77 m/s	NO MR
AORTIC VALVE	:	1.15m/s		NO AR
TRICUSPID VALVE	:	E' 1.84 m/s	A' - m/s	NO TR
PULMONARY VALVE	:	0.48 m/s		NO PR

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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 prolapsed.

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: 61%.**
- **NO REGIONAL WALL MOTION ABNORMALITIES.**
- **NORMAL VALVES.**
- **NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.**

**DR. K.S. SUBRAMANI. MBBS, MD, DM (CARDIOLOGY) FESC**  
**SENIOR CONSULTANT INTERVENTIONAL CARDIOLOGIST**  
*Kss/vp*

### **Note:**

**\* Report to be interpreted by qualified medical professional.**

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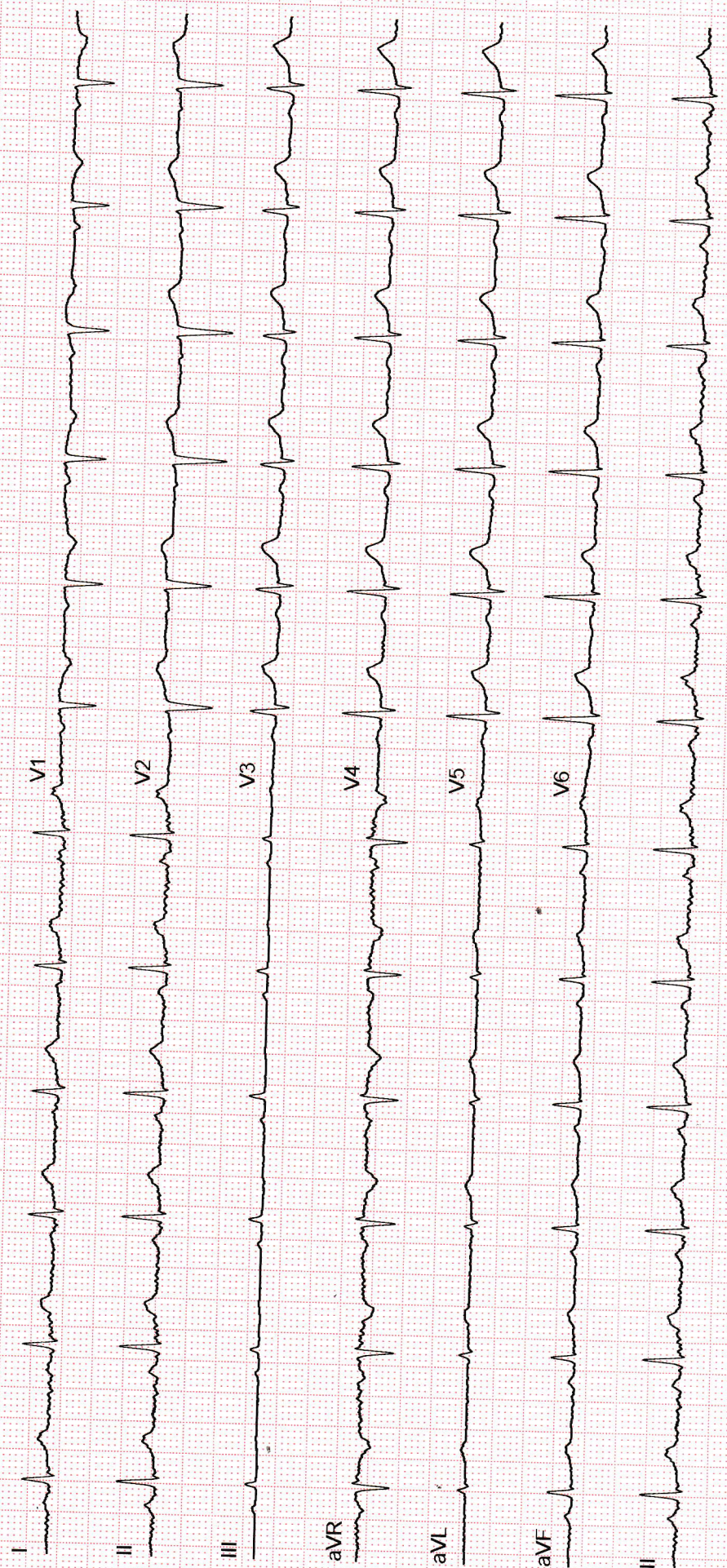
**\* To be correlated with other clinical findings.**

**\* Parameters may be subjected to inter and intra observer variations.**

Female

QRS : 72 ms  
 QT / QTcBaz : 402 / 442 ms  
 PR : 154 ms  
 P : 86 ms  
 RR / PP : 822 / 821 ms  
 P / QRS / T : 48 / 61 / 35 degrees

23.07.2022 14:36:32  
 CLUMAX DIAGNOSTICS  
 THIPPASANDRA  
 BANGALORE



# CLUMAX DIAGNOSTICS



--- A MEDALL COMPANY ---

Date 23-Jul-2022 11:29 AM

Customer Name : **MRS. RUKKAMMA**

DOB : **01 Jan 1980**

Ref Dr Name : **MediWheel**

Age : **42Y/FEMALE**

Customer Id : **MED111209952**

Visit ID : **422056714**

Email Id :

Phone No : **9632067178**

Corp Name : **MediWheel**

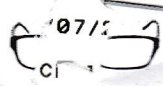
Address :

*Handwritten notes:*  
 (s-dow)  
 Gow name - dose  
 off - 16 7  
 wt - 75  
 BP - 114 / 79  
 Pul - 79  
~~HP~~

Package Name : **Mediwheel Full Body Health Checkup Female Above 40**

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

*Handwritten note:*  
 Done



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**Mahesh**

Mob:8618385220

9901569756

## SRI PARVATHI OPTICS

Multi Branded Opticals Store

### Computerized Eye Testing & Spectacles Clinic

# 333.8th Main 5th Cross Near Cambridge & Miranda School HAL 3rd Stage  
Behind Vishveshvariah Park New Thippasandra, Bangalore - 560075,  
Email: parvathiopticals@gmail.com

### SPECTACLE PRESCRIPTION

Name: Rukkanna

No. 941

Mobil No:

Date: 23/7/2022

Age / Gender 42y/f.

Ref. No.

	RIGHT EYE				LEFT EYE			
	SPH	CYL	AXIS	VISION	SPH	CYL	AXIS	VISION
DISTANCE	110	0.75	172	6/6		225	18	6/6
NEAR								

PD 66MM

Advice to use glasses for:

DISTANCE  FAR & NEAR  READING  COMPUTER PURPOSE

We Care Your Eyes

**SRI PARVATHI OPTICS**

NEW THIPPASANDRA

Name	Rukkamma	ID	MED111209952
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### **SONOMAMMOGRAPHY OF BOTH BREASTS**

**Both breasts show normal echopattern.**

**No evidence of focal solid / cystic areas in either breast.**

No evidence of ductal dilatation.

Few lymphnodes with maintained fatty hilum are noted in both axillae.

#### **IMPRESSION:**

➤ **NO SIGNIFICANT ABNORMALITY.**

**DR. APARNA**  
**CONSULTANT RADIOLOGIST**  
*A/da*

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### ABDOMINO-PELVIC ULTRASONOGRAPHY

**LIVER** shows 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** shows 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** shows normal shape, size and echopattern. No demonstrable Para -aortic lymphadenopathy.

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

**The kidney measures as follows:**

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	12.4	1.5
Left Kidney	11.3	1.5

**URINARY BLADDER** shows normal shape and wall thickness. It has clear contents. No evidence of diverticula.

**UTERUS** is anteverted and normal in size. It has uniform myometrial echopattern.

**Endometrial thickness measures 6mm**

**Uterus measures as follows: LS: 7.7cms      AP: 4.5cms      TS: 4.6cms.**

**OVARIES** are normal in size, shape and echotexture. No focal lesion seen.

Ovaries measure as follows: **Right ovary:** 2.4 x 1.1cms      **Left ovary:** 2.6 x 2.1cms

POD & adnexae are free.

No evidence of ascites/pleural effusion.

**IMPRESSION:**

➤ **NO SIGNIFICANT ABNORMALITY DETECTED.**

**DR. APARNA  
CONSULTANT RADIOLOGIST**

*A/da*

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**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.***



**DR. APARNA**

**CONSULTANT RADIOLOGIST**

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## **HAEMATOLOGY**

### **Complete Blood Count With - ESR**

Haemoglobin (EDTA Blood/Spectrophotometry)	<b>12.3</b>	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	39.1	%	37 - 47
RBC Count (EDTA Blood)	4.95	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	79.1	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	<b>24.8</b>	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	<b>31.4</b>	g/dL	32 - 36
RDW-CV (EDTA Blood)	15.7	%	11.5 - 16.0
RDW-SD (EDTA Blood)	43.47	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	<b>11100</b>	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	60.4	%	40 - 75
Lymphocytes (EDTA Blood)	35.5	%	20 - 45
Eosinophils (EDTA Blood)	<b>0.4</b>	%	01 - 06

  
Dr Anusha.K.S  
Sr.Consultant Pathologist  
Reg No : 100674

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MD PATHOLOGY  
KMC 88902

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Monocytes (EDTA Blood)	3.2	%	01 - 10
Basophils (Blood)	0.5	%	00 - 02
<b>INTERPRETATION:</b> Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.			
Absolute Neutrophil count (EDTA Blood)	<b>6.70</b>	10 <sup>3</sup> / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	<b>3.94</b>	10 <sup>3</sup> / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	<b>0.04</b>	10 <sup>3</sup> / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.36	10 <sup>3</sup> / µl	< 1.0
Absolute Basophil count (EDTA Blood)	0.06	10 <sup>3</sup> / µl	< 0.2
Platelet Count (EDTA Blood)	355	10 <sup>3</sup> / µl	150 - 450
MPV (EDTA Blood)	8.9	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	<b>0.32</b>	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citratd Blood)	12	mm/hr	< 20

  
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**BIOCHEMISTRY**

**Liver Function Test**

Bilirubin(Total) (Serum/DCA with ATCS)	0.42	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.17	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.25	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	7.90	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	5.20	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	12.61	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	<b>117.1</b>	U/L	42 - 98
Total Protein (Serum/Biuret)	6.69	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.87	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.82	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.37		1.1 - 2.2

  
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<b><u>Lipid Profile</u></b>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	183.68	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	<b>176.21</b>	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)	<b>49.98</b>	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	98.5	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	35.2	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	133.7	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

  
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**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)	3.7		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
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Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	3.5		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
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LDL/HDL Cholesterol Ratio (Serum/Calculated)	2		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
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<b><u>Glycosylated Haemoglobin (HbA1c)</u></b>			
HbA1C (Whole Blood/HPLC)	6.9	%	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 151.33 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 glycaemic 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.

  
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**IMMUNOASSAY**

**THYROID PROFILE / TFT**

T3 (Triiodothyronine) - Total (Serum/ECLIA)	2.03	ng/ml	0.7 - 2.04
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**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 (Serum/ECLIA)	<b>12.78</b>	µg/dl	4.2 - 12.0
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**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/ECLIA)	1.76	µIU/mL	0.35 - 5.50
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**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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**CLINICAL PATHOLOGY**

**PHYSICAL EXAMINATION (URINE COMPLETE)**

Colour (Urine)	Yellow		Yellow to Amber
Appearance (Urine)	Clear		Clear
Volume(CLU) (Urine)	20		


**CHEMICAL EXAMINATION (URINE COMPLETE)**

pH (Urine)	5.5		4.5 - 8.0
Specific Gravity (Urine)	1.017		1.002 - 1.035
Ketone (Urine)	Negative		Negative
Urobilinogen (Urine)	Normal		Normal
Blood (Urine)	Negative		Negative
Nitrite (Urine)	Negative		Negative
Bilirubin (Urine)	Negative		Negative
Protein (Urine)	Negative		Negative



**Dr SURAJ JAEN**  
 Consultant Pathologist  
 Reg No : 80423

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Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Positive(+)		

**MICROSCOPIC EXAMINATION**  
**(URINE COMPLETE)**

Pus Cells (Urine)	<b>4-5</b>	/hpf	NIL
Epithelial Cells (Urine)	<b>6-8</b>	/hpf	NIL
RBCs (Urine)	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.

Casts (Urine)	NIL	/hpf	NIL
Crystals (Urine)	NIL	/hpf	NIL

  
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 MD PATHOLOGY  
 KMC 88902

APPROVED BY


Name : Mrs. Rukkamma  
PID No. : MED111209952 Register On : 23/07/2022 11:32 AM  
SID No. : 422056714 Collection On : 23/07/2022 12:12 PM  
Age / Sex : 42 Year(s) / Female Report On : 23/07/2022 8:01 PM  
Type : OP Printed On : 24/07/2022 3:10 PM  
Ref. Dr : MediWheel

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

BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination)	'O' Positive'		
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Dr. Arjun C.P  
MBBS, MD Pathology  
Reg No:KMC 89655

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DR SHAMIM JAVED  
MD PATHOLOGY  
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<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<b><u>BIOCHEMISTRY</u></b>			
BUN / Creatinine Ratio	11		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	97.58	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
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	<b>6.3</b>	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	<b>0.54</b>	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 etc.

Uric Acid (Serum/Enzymatic)	4.50	mg/dL	2.6 - 6.0
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-- End of Report --