PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

<u>Investigation</u>	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	16.0	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	44.7	%	42 - 52
RBC Count (EDTA Blood)	5.06	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	88.3	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	31.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	35.9	g/dL	32 - 36
RDW-CV	13.3	%	11.5 - 16.0
RDW-SD	41.6	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	5900	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	45.5	%	40 - 75
Lymphocytes (Blood)	40.7	%	20 - 45
Eosinophils (Blood)	4.7	%	01 - 06
Monocytes (Blood)	8.0	%	01 - 10
Basophils (Blood)	1.1	%	00 - 02

INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.





The results pertain to sample tested.

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Absolute Neutrophil count (EDTA Blood)	2.7	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.4	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.3	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.5	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.1	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	198	10^3 / μl	150 - 450
MPV (Blood)	9.3	fL	7.9 - 13.7
PCT (Automated Blood cell Counter)	0.184	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	2	mm/hr	< 15
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	95.28	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)	Negative		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	87.96	mg/dL	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) Negative (Urine - PP)





The results pertain to sample tested.

Page 2 of 10

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	10.4	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.73	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-acetylcyteine , chemotherapeutic agent such as flucytosine etc

Uric Acid (Serum/Enzymatic)	5.59	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.59	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.22	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)	20.66	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	28.29	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	18.78	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	60.5	U/L	53 - 128
Total Protein (Serum/Biuret)	7.10	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	5.03	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.07	gm/dL	2.3 - 3.6





 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
A : G RATIO (Serum/ <i>Derived</i> ) <u>Lipid Profile</u>	2.43		1.1 - 2.2
Cholesterol Total (Serum/CHOD-PAP with ATCS)	192.12	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	96.96	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 õusualö circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	34.51	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	138.2	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	19.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	157.6	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220





 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed</u> <u>Ur</u>	<u>nit</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.

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 2.8 Optimal: < 2.5

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

(Serum/Calculated) High Risk: > 5.0

LDL/HDL Cholesterol Ratio 4 Optimal: 0.5 - 3.0 (Serum/Calculated) Borderline: 3.1 - 6.0

High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)

 HbA1C
 4.9
 %
 Normal: 4.5 - 5.6

 (Whole Blood/HPLC)
 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 >= 8.1 %

Estimated Average Glucose 93.93 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.

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.36 ng/ml 0.7 - 2.04 (Serum/ECLIA)





APPROVED BY

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

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

#### 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 8.71  $\mu$ g/dl 4.2 - 12.0

(Serum/ECLIA)

#### 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) 2.80 µIU/mL 0.35 - 5.50

(Serum/ECLIA)

#### 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.

# PHYSICAL EXAMINATION (URINE

#### **COMPLETE**)

Colour	Yellow	Yellow to Amber
(Urine)		

Appearance Clear Clear

(Urine)

Volume(CLU) 25

(Urine)

# CHEMICAL EXAMINATION (URINE

COMPLETE)

pH 5.0 4.5 - 8.0 (Urine)





**APPROVED BY** 

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
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
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Negative		
MICROSCOPIC EXAMINATIO (URINE COMPLETE)	<u>N</u> _		
Pus Cells (Urine)	0-2	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	NIL
RBCs (Urine)	NIL	/hpf	NIL
Others (Urine)	NIL		
<b>INTERPRETATION:</b> Note: Done with reviewed and confirmed microscopicall	h Automated Urine Analyser & y.	Automated urine s	edimentation analyser. All abnormal reports are
Casts	NIL	/hpf	NIL





**APPROVED BY** 

(Urine)

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Crystals	NIL	/hpf	NIL
(Urine)			





 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

InvestigationObserved ValueUnit ValueBiological Reference IntervalBUN / Creatinine Ratio14.26.0 - 22.0





**APPROVED BY** 

 PID No.
 : MED210001629
 Register On
 : 13/04/2024 9:06 AM

 SID No.
 : 522405992
 Collection On
 : 13/04/2024 9:29 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 13/04/2024 4:41 PM

 Type
 : OP
 Printed On
 : 14/04/2024 12:28 PM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

**URINE ROUTINE** 





**APPROVED BY** 

-- End of Report --

Name	MR.PRAVEEN KUMAR D	ID	MED210001629
Age & Gender	34Y/MALE	Visit Date	13 Apr 2024
Ref Doctor Name	MediWheel	-	

## 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** shows normal shape and has clear contents. 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.

#### **KIDNEYS**

**Right kidney:** Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

**Left kidney:** Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

·	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.2	1.5
Left Kidney	10.3	2.5

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

**PROSTATE** shows normal shape, size and echopattern.

No evidence of ascites.

### **IMPRESSION:**

• No significant abnormality detected.

DR. SHWETHA S CONSULTANT RADIOLOGIST Sw/Mi

Name	MR.PRAVEEN KUMAR D	ID	MED210001629
Age & Gender	34Y/MALE	Visit Date	13 Apr 2024
Ref Doctor Name	MediWheel	-	

Name	MR.PRAVEEN KUMAR D	ID	MED210001629
Age & Gender	34Y/MALE	Visit Date	13 Apr 2024
Ref Doctor Name	MediWheel		

## 2D ECHOCARDIOGRAPHIC STUDY

## **M-mode measurement:**

**AORTA** 2.52 cms. LEFT ATRIUM 2.62 cms. **AVS** 1.47 cms. LEFT VENTRICLE (DIASTOLE) 4.49 cms. (SYSTOLE) 2.32 cms. **VENTRICULAR SEPTUM** (DIASTOLE) 0.87 cms. (SYSTOLE) 1.29 cms. POSTERIOR WALL (DIASTOLE) 1.03 cms. (SYSTOLE) 1.18 cms. **EDV** 91 ml. **ESV** 18 ml. % FRACTIONAL SHORTENING 48 **EJECTION FRACTION** 60 % \*\*\* **EPSS** cms. **RVID** 1.80 cms.

## **DOPPLER MEASUREMENTS:**

MITRAL VALVE: E - 0.8 m/s A - 0.6 m/s NO MR.

AORTIC VALVE: 1.1 m/s NO AR.

TRICUSPID VALVE: E - 0.4 m/s A - 0.3 m/s NO TR.

PULMONARY VALVE: 0.8 m/s NO PR.

Name	MR.PRAVEEN KUMAR D	ID	MED210001629
Age & Gender	34Y/MALE	Visit Date	13 Apr 2024
Ref Doctor Name	MediWheel	-	

## **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: 60 %.
- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MR.PRAVEEN KUMAR D	ID	MED210001629
Age & Gender	34Y/MALE	Visit Date	13 Apr 2024
Ref Doctor Name	MediWheel	-	

Name	Mr. PRAVEEN KUMAR D	Customer ID	MED210001629
Age & Gender	34Y/M	Visit Date	Apr 13 2024 9:05AM
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.S.SHWETHA.,MDRD, CONSULTANT RADIOLOGIST



# **OPTICAL STORE**

#12 LAKSHMI NILAYA, GROUND FLOOR, 2ND MAIN ROAD, VYALIKAVAL, BENGALURU-560003 PH. 9611444957

Name Phausen Kuman.	Pl	6360	2980	+75
Age				
Chief Complaints				
RE / LE / DOV / Blurring / Burnir Redness / Headache —	/Itching / Pricking			
Past History		I.		
DM/-Ue	Asthama	Ve		
HTY -Ve	Others	か. レ		
Visual Acuity				
RE LE	10=			
Distance / Near 660 66				
With PH				
With Glasses				
Colour Vision Si>= Non	ol			
RE				
SPH CYL A		CYL	AXIS	. 1.
Distance Plans	6 -8	lono		6/6
Near				
handa a san isan a san a s	- and Language bear			
Advise			Water Color of the Color	- control grave or

Patient Provien tuman	Date	13/04/24
Age	Visit Number	522405992
Sex Male	Corporate	Mediwheel -

#### GENERAL PHYSICAL EXAMINATION

Identification Mark:

Haight: 160 cms

62.8 Weight: kgs \_

/minute Pulse:

Blood Pressure : //0/ mm of Hg

ВМІ

BMI INTERPRETATION

Underweight = <18.5Normal weight = 18.5-24.9Overweight = 25-29.9

Chest :

Expiration: 90

Inspiration: 92 cms

Abdomen Measurement : 90 cms

Eyes : Ears:

Throat :

CVS:

CNS: NAD

No abnormality is detected. His / Her general physical examination is within normal limits.

NOTE: MEDICAL FIT FOR EMPLOYMENT YES / NO

Dr. Signature RAJ, MBBS General Physician & Diabetologies KMC Reg. No: 85875

CI UMAX DIAGNOSTICS

