Name	: Mr. GANESH PRASAD PRABHU A	
PID No.	: MED120799590	Register On : 12/02/2022 9:52 AM
SID No.	: 522208515	Collection On : 12/02/2022 10:48 AM
Age / Sex	: 34 Year(s) / Male	Report On : 13/02/2022 11:18 AM
Туре	: OP	Printed On : 07/03/2022 6:13 PM

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	16.0	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	48.3	%	42 - 52
RBC Count (EDTA Blood/Impedance Variation)	5.58	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	87.0	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	28.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood'Derived from Impedance)	33.2	g/dL	32 - 36
RDW-CV (Derived from Impedance)	14.0	%	11.5 - 16.0
RDW-SD (Derived from Impedance)	42.63	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	6170	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	50.65	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	29.68	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	10.13	%	01 - 06





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Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Remark: correlate clinically.			
Monocytes (Blood/Impedance Variation & Flow Cytometry)	9.29	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	0.25	%	00 - 02
Absolute Neutrophil count (EDTA Blood'Impedance Variation & Flow Cytometry)	3.13	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.83	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.63	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.57	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.02	10^3 / µl	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	261.5	10^3 / µl	150 - 450
MPV (Blood/Derived from Impedance)	7.17	fL	7.9 - 13.7
PCT (Automated Blood cell Counter)	0.19	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/ <i>Modified Westergren</i>)	5	mm/hr	< 15





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Ref. Dr	: MediWheel	

Investigation BIOCHEMISTRY	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.7	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.3	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.4	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	8.0	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.7	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.3	g/dL	2.3 - 3.5
A : G Ratio (Serum/Derived)	1.4		1.1 - 2.2
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC Kinetic)	59	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	107	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/IFCC Kinetic)	60	U/L	53 - 128
GGT(Gamma Glutamyl Transpeptidase) (Serum/SZASZ standarised IFCC)	47	U/L	< 55





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Age / Sex	34 Year(s) / Male Report On : 13/02/2022 11:18	AM
Туре	OP Printed On : 07/03/2022 6:13 P	M
Ref. Dr	MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Lipid Profile			
Cholesterol Total (Serum/Cholesterol oxidase/Peroxidase)	131	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	110	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)	45	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/ <i>Calculated</i>)	64	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	22	mg/dL	< 30
Non HDL Cholesterol (Serum/ <i>Calculated</i>)	86.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >=220



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Name	: Mr. GANESH PRASAD PRABHU A				
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SID No.	: 522208515	Collection On	: 12/02/20	22 10:48 AM	
Age / Sex	: 34 Year(s) / Male	Report On	: 13/02/20	22 11:18 AM	
Туре	: OP	Printed On	: 07/03/20	22 6:13 PM	
Ref. Dr	: MediWheel				
2.It is the	RETATION: 1.Non-HDL Cholester	D is now proven to the proteins including L			and it is the "new bad cholesterol" and is a
Total Ch (Serum/Ca	olesterol/HDL Cholesterol Rati	0	2.9		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
Triglycer (TG/HD) (Serum/Ca	·		2.4		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HD (Serum/Ca	L Cholesterol Ratio		1.4		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0



DR SHAMIM JAVED MD PATHOLOGY KMC 88902

Name	: Mr. GANESH PRASAD PRABHU A			
PID No.	: MED120799590	Register On : 12/02/2	022 9:52 AM	
SID No.	: 522208515	Collection On : 12/02/2	2022 10:48 AM	
Age / Sex	: 34 Year(s) / Male	Report On : 13/02/2	2022 11:18 AM	
Туре	: OP	Printed On : 07/03/2	2022 6:13 PM	
Ref. Dr	: MediWheel			
<u>Investiga</u> <u>Glycosyla</u>	ation ated Haemoglobin (HbA1c)	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>

Estimated Average Glucose	125.5	mg/dL
Lounded Average Olicose	120.0	mg/ and

(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.



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Name	:	Mr. GANESH PRASAD PRABHU A					
PID No.	:	MED120799590	Register C	On :	12/02/	2022 9:52 AM	
SID No.	:	522208515	Collection	On :	12/02	2/2022 10:48 AM	
Age / Sex	:	34 Year(s) / Male	Report On	. :	13/02	2/2022 11:18 AM	
Туре		OP	Printed Or			2022 6:13 PM	
Ref. Dr	:	MediWheel		•			
Investiga		on NOASSAY		<u>Obse</u> <u>Val</u>		<u>Unit</u>	Biological Reference Interval
	odo	PROFILE / TFT othyronine) - Total		1.	18	ng/mL	0.7 - 2.04
INTERPH Comment	RE : ari	TATION: ation can be seen in other conditio	n like pregna	ncy, dr	ugs, nep	hrosis etc. In such cas	es, Free T3 is recommended as it is
T4 (Thyr (Serum/ <i>CM</i>		kine) - Total		8.	83	µg/dL	4.2 - 12.0
Comment	: ari		n like pregna	ncy, dr	ugs, nep	phrosis etc. In such cas	es, Free T4 is recommended as it is
	ет	oid Stimulating Hormone) iluminescent Microparticle (CMIA))		2.	18	µIU/mL	0.35 - 5.50
Reference 1 st trimes 2 nd trimes 3 rd trimes (Indian Th Comment 1.TSH refe	ran ter ste sten yro ; :	r 0.2-3.0 r : 0.3-3.0 oid Society Guidelines) nce range during pregnancy deper					centration, race, Ethnicity and BMI. himum between 6-10PM.The variation can be

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.



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Investigation <u>CLINICAL PATHOLOGY</u>	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
PHYSICAL EXAMINATION			
Colour (Urine)	Pale yellow		
Appearance (Urine)	Clear		Clear
Volume (Urine)	20	mL	
<u>CHEMICAL EXAMINATION(Automated-</u> <u>Urineanalyser)</u>			
pH (Urine/AUTOMATED URINANALYSER)	5.0		4.5 - 8.0
Specific Gravity (Urine)	1.030		1.002 - 1.035
Ketones (Urine)	Negative		Negative
Urobilinogen (Urine/AUTOMATED URINANALYSER)	0.2		0.2 - 1.0
Blood (Urine/AUTOMATED URINANALYSER)	Negative		Negative
Nitrite (Urine/AUTOMATED URINANALYSER)	Negative		Negative
Bilirubin (Urine/AUTOMATED URINANALYSER)	Negative		Negative
Protein (Urine)	Negative		Negative





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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Glucose (Urine)	Negative		Negative
Leukocytes (Urine) <i>MICROSCOPY(URINE DEPOSITS)</i>	Negative	leuco/uL	Negative
Pus Cells (Urine/Flow cytometry)	0-2	/hpf	3-5
Epithelial Cells (Urine)	0-1	/hpf	1-2
RBCs (Urine/Flow cytometry)	0-1	/hpf	2-3
Others (Urine)	Nil		Nil





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Ref. Dr	MediWheel	

Investigation

<u>Observed</u> <u>Value</u> <u>Unit</u>

Biological Reference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination)

'B' 'Positive'

INTERPRETATION: Note: Slide method is screening method. Kindly confirm with Tube method for transfusion.



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Туре	:	OP	Printed On	:	07/03/2022 6:13 PM
Ref. Dr	:	MediWheel			

Investigation BIOCHEMISTRY	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
BUN / Creatinine Ratio	11		6 - 22
Glucose Fasting (FBS) (Plasma - F/GOD - POD)	86	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)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD)	90	mg/dL	70 - 140

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.

Blood Urea Nitrogen (BUN) (Serum/Urease-GLDH)	9	mg/dL	7.0 - 21
Creatinine	0.8	mg/dL	0.9 - 1.3

(Serum/Jaffe Kinetic)

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/Uricase/Peroxidase)	5.1	mg/dL	3.5 - 7.2
Dr.Arjun C.P MBBS.MD Pathology Reg NoiKMC 89655 VERIFIED BY		DR SHAMIM JAVED MD PATHOLOGY KMC-88902	
		APPROVED BY	

-- End of Report --

Name	MR.GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/MALE	Visit Date	12 Feb 2022
Ref Doctor Name	MediWheel	•	

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (13.6cm) and has increased 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. 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 (9.3cm) and echopattern.

No demonstrable Para-aortic lymphadenopathy.

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 (cm)	Parenchymal thickness (cm)
Right Kidney	11.3	1.4
Left Kidney	10.3	2.2

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

PROSTATE shows normal shape, size and echopattern. It measures 2.8 x 4.0 x 2.8cm volume: 17.4cc.

No evidence of ascites.

IMPRESSION:

- Grade I fatty infiltration of liver.
- No other significant abnormality detected.

DR. H.K. ANAND DR. C.R RAMACHANDRA DR. LOHITH H.P DR. VARSHA KALE CONSULTANT RADIOLOGISTS

Vk/ra

Name	MR.GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/MALE	Visit Date	12 Feb 2022
Ref Doctor Name	MediWheel		

Name	MR.GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/MALE	Visit Date	12 Feb 2022
Ref Doctor Name	MediWheel	-	

2D ECHOCARDIOGRAPHIC STUDY

M-mode measurement:

AORTA	:	2.59	cms.
LEFT ATRIUM	:	2.62	cms.
AVS LEFT VENTRICLE	:	1.48	cms.
(DIASTOLE)	:	4.48	cms.
(SYSTOLE)	:	2.89	cms.
VENTRICULAR SEPTUM	:		
(DIASTOLE)	:	1.04	cms.
(SYSTOLE)	:	1.31	cms.
POSTERIOR WALL	:		
(DIASTOLE)	:	1.04	cms.
(SYSTOLE)	:	1.27	cms.
EDV	:	91	ml.
ESV	:	32	ml.
FRACTIONAL SHORTENING	:	30	%
EJECTION FRACTION	:	60	%
EPSS	:		cms.
RVID	:	1.80	cms.

DOPPLER MEASUREMENTS:

MITRAL VALVE:	E - 0.7 m/s	A -0.6 m/s	NO MR.
AORTIC VALVE:	1.2 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.GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/MALE	Visit Date	12 Feb 2022
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle:Normal size, Normal systolic function.:No regional wall motion abnormalities.

Left Atrium		:	Normal.
Right Ventricle :	:	Norma	ıl.
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. ANAND KUMAR M, MD DM CONSULTANT INTERVENTIONAL CARDIOLOGIST

Name	MR.GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/MALE	Visit Date	12 Feb 2022
Ref Doctor Name	MediWheel		



Name	GANESH PRASAD PRABHU A	ID	MED120799590
Age & Gender	34Y/M	Visit Date	Feb 12 2022 9:51AM
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.

Curry.

DR. H.K. ANAND DR. VARSHA KALE DR. LOHITH H.P CONSULTANT RADIOLOGISTS

DR. C.R. RAMACHANDRA