Patient Name : MR. V.V. SAI BHASKER Age / Gender : 31 years / Male Patient ID : 22123

#### Referral : SELF

Sample ID :

Collection Time : Jun 10, 2023, 09:11 a.m.

Reporting Time : Jun 10, 2023, 10:58 a.m.

Source : MEDI WHEEL

Test Description	Value(s)	Reference Range	Unit
CBC; Complete Blood Count			
Hemoglobin (Hb)*	15.3	13.5 - 18.0	gm/dL
Method : Cynmeth Photometric Measurement			
Erythrocyte (RBC) Count*	4.86	4.7 - 6.0	mil/cu.mm
Method : Electrical Impedence			
Packed Cell Volume (PCV)* Method : Calculated	44	42 - 52	%
Mean Cell Volume (MCV)* Method : Electrical Impedence	90.53	78 - 100	fL
Mean Cell Haemoglobin (MCH)* Method : Calculated	31.48	27 - 31	pg
Mean Corpuscular Hb Concn. (MCHC)* Method : Calculated	34.77	32 - 36	gm/dL
Red Cell Distribution Width (RDW)* Method : Electrical Impedence	13.8	11.5 - 14.0	%
Total Leucocytes (WBC) Count* Method : Electrical Impedence	7100	4000-10000	cell/cu.mm
Neutrophils*	51	40 - 80	%
Method : VCSn Technology			/0
Lymphocytes*	43	20 - 40	%
Method : VCSn Technology			
Monocytes*	5	2 - 10	%
Method : VCSn Technology			
Eosinophils*	1	1 - 6	%
Method : VCSn Technology			
Basophils	0	0 - 1	
Platelet Count*	2.32	1.5 - 4.5	Lakhs/cu.mm
Method : Electrical Impedence			
Mean Platelet Volume (MPV)*	7.8	7.2 - 11.7	fL
Method : Electrical Impedence			

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Age / Gender : 31 years / Male

Patient ID: 22123

Source : MEDI WHEEL

## Referral : SELF

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Sample ID : 

			668428475
Test Description	Value(s)	Reference Range	Unit
PCT*	0.18	0.2 - 0.5	%
Method : Calculated PDW*	13.4	9.0 - 17.0	%
Method : Calculated			

Tests done on Automated Three Part Cell Counter. (WBC, RBC, Platelet count by impedance method, colorimetric method for Hemoglobin, WBC differential by flow cytometry using laser technology other parameters are calculated). All Abnormal Haemograms are reviewed confirmed microscopically.

Esr, Erythrocyte Sedimentation Rate			
Esr, Erythrocyte Sedimentation Rate (Westergren)	15	0-10	mm/hr
Interpretation:			

- It indicates presence and intensity of an inflammatory process. It does not diagnose a specific disease. Changes in the ESR are . more significant than the abnormal results of a single test.
- It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial ٠ endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis and polymyalgia rheumatica.
- It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism. ٠

Urine Routine		
Colour*	Pale Yellow	
Transparency (Appearance)*	Clear	Clear
Reaction (pH)*	5.0	4.5 - 8
Specific Gravity*	1.030	1.010 - 1.030
Chemical Examination (Automated Dipstick	Method) Urine	
Urine Glucose*	Negative	Negative
Urine Protein*	Negative	Negative
Urine Ketone*	Negative	Negative
Blood*	Negative	Negative

Couptin

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#### Referral : SELF

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Test Description	Value(s)	Reference Range	Unit
Bilirubin*	Negative	Negative	
Nitrite*	Negative	Negative	
Leucocytes*	Negative	Negative	
Urobilinogen*	Normal	Normal	
Microscopic Examination Urine			
Pus Cells (WBCs)*	2-3	0 - 5	/hpf
Epithelial Cells*	1-2	0 - 4	/hpf
Red blood Cells*	Absent	Absent	/hpf
Crystals*	Absent	Absent	
Cast*	Absent	Absent	
Bacteria*	Absent	Absent	

## Stool Complete Exam

#### Blood Group & Rh Type

#### Blood Grouping & Rh Typing

Method : Forward and Reverse By Tube Method

"A" POSITIVE (+VE)

#### Methodology

This is done by forward and reverse grouping by tube Agglutination method.

## Interpretation

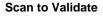
Newborn baby does not produce ABO antibodies until 3 to 6 months of age. So the blood group of the Newborn baby is done by ABO antigen grouping (forward grouping) only, antibody grouping (reverse grouping) is not required.Confirmation of the New-born's blood group is indicatedwhen the A and B antigen expression and the isoagglutinins are fully developed (2–4 years).

Fasting - Glucose

apepter

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Source : MEDI WHEEL

#### Referral : SELF

Collection Time : Jun 10, 2023, 09:11 a.m.

Reporting Time : Jun 10, 2023, 10:58 a.m.

Sample ID :

		66	8428475
Test Description	Value(s)	Reference Range	Unit
Glucose Fasting*	120.49	Normal: 70-100	mg/dL
Method : Plasma, Hexokinase		Impaired Fasting Glucose (IFG):	
		101-125	
		Diabetes Mellitus: >125	
Post Prandial Blood Sugar			
Blood Glucose-Post Prandial*	135.82	80-140	mg/dL
Method : Plasma - P, Hexokinase			
Fasting Urine Sugar			
Fasting Urine Glucose	NEGATIVE	Negative	
Post Prandial Urine Sugar			
HBA1C (Glycosylated Haemoglobin)			
Glyco Hb (HbA1C)	5.55	Non-Diabetic: <=5.9	%
Method : EDTA Whole blood, HPLC		Pre Diabetic:6.0-6.4	
		Diabetic: >=6.5	
Estimated Average Glucose : Interpretations	112.58		mg/dL

1. HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%

2. Low glycated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.

3. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.

Excellent control-6-7 % Fair to Good control – 7-8 %

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#### Sample ID :

			668428475
Test Description	Value(s)	Reference Range	Unit
Unsatisfactory control – 8 to 10 %			
Poor Control – More than 10 %			
Thyroid Function Test (TFT)			
TRI-IODO THYRONINE (T3)	1.54	0.60 - 1.81	ng/mL
Method : CLIA			
TOTAL THYROXINE (T4)	8.02	4.2 - 12.0	ug/dL
Method : CLIA			
THYROID STIMULATING HORMONE (TSH)	4.058	0.46 – 8.10 : 1 Yrs – 5 Yrs	ulU/mL
Method : CLIA		0.36 – 5.80 : 6 Yrs – 18 Yrs	
		0.35 – 5.50 : >18 Yrs	
		Pregnancy Ranges	
		1st Trimester :0.1 - 2.5	
		2nd Trimester :0.2 - 3.0	
		3rd Trimester:0.3 - 3.0	

#### **Comments:**

IF NOT ON DRUGS SUGGESTED FT3 & FT4 ESTIMATION

## Please correlate with clinical conditions.

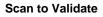
Note : Serum T3, T4 and TSH form the three components of thyroid screening panel, useful in diagnosing various disorders of the thyroid gland. Primary Hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels. Although elevated TSH levels are nearly always indicative of Primary Hypothyroidism, rarely they can from TSH secreting pituitary tumors (Secondary hyperthyroidism)To confirm diagnosis - evaluate FT3 and FT4.

**Lipid Profile** 

Chapter

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Sample ID :

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Test Description	Value(s)	Reference Range	Unit
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	192.69	Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	126.77	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	28.94	<40: Low 40 - 60: Optimal > 60: Desirable	mg/dL
LDL Cholesterol Method : Serum	138.40	Optimal: < 100 Near optimal/above optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190	mg/dL
Non - HDL Cholesterol, Serum Method : calculated	163.75	Desirable: < 130 mg/dL Borderline High: 130-159mg/dL High: 160-189 mg/dL Very High: > or = 190 mg/dL	mg/dL
VLDL Cholesterol Method : calculated	25.35	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	6.66	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	4.78	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio

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Sample ID :

	008428475		
Value(s)	Reference Range	Unit	
16.47	15- 50	mg/dL	
7.70	7 - 24	mg/dL	
4.9	3.5 - 7.2	mg/dL	
0.7	0.7 - 1.3	mg/dL	
1.01	0.3 - 1.2	mg/dL	
0.41	Adults and Children: < 0.2	mg/dL	
0.60	0.1 - 1.0	mg/dL	
35.09	< 50	U/L	
34.94	< 50	U/L	
100.63	30-120	U/L	
7.71	6.6 - 8.3	g/dL	
5.10	Adults: 3.5 - 5.2	g/dL	
	16.47 7.70 4.9 0.7 1.01 0.41 0.60 35.09 34.94 100.63 7.71	16.47 $15-50$ $7.70$ $7-24$ $4.9$ $3.5-7.2$ $0.7$ $0.7-1.3$ $1.01$ $0.3-1.2$ $0.41$ Adults and Children: < $0.2$ $0.60$ $0.1-1.0$ $35.09$ < 50	

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Age / Gender : 31 years / Male		Collection Time : Ju	n 10, 2023, 09:11 a.m.	
Patient ID : 22123		Reporting Time : Jun 10, 2023, 10:58 a.m.		
Source : MEDI WHEEL		Sample ID : 668428475		
Test Description	Value(s)	Reference Range	Unit	
Globulin	2.61	1.8 - 3.6	g/dL	
Method : Calculated				
A/G Ratio	1.95	1.2 - 2.2	ratio	

\*\*END OF REPORT\*\*

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