

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

## REPORT

Name : Mr. BENNETT Sample ID : A0013127
Age/Gender : 53 Years/Male Reg. No : 0312401310006
Referred by : Dr. VAMSHI SPP Code : SPL-CV-172
Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 31-Jan-2024 10:28 AM

Primary Sample : Whole Blood Received On : 31-Jan-2024 12:26 PM Sample Tested In : Whole Blood EDTA Reported On : 31-Jan-2024 02:48 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

HAEMATOLOGY					
Test Name	Results	Units	Ref. Range	Method	
Complete Blood Picture(CBP)					
Haemoglobin (Hb)	15.0	g/dL	13-17	Cynmeth Method	
Haematocrit (HCT)	46.1	%	40-50	Calculated	
RBC Count	5.03	10^12/L	4.5-5.5	Cell Impedence	
MCV	92	fl	81-101	Calculated	
MCH	29.9	pg	27-32	Calculated	
MCHC	32.6	g/dL	32.5-34.5	Calculated	
RDW-CV	14.9	%	11.6-14.0	Calculated	
Platelet Count (PLT)	199	10^9/L	150-410	Cell Impedance	
Total WBC Count	9.4	10^9/L	4.0-10.0	Impedance	
Differential Leucocyte Count (DC)					
Neutrophils	69	%	40-70	Cell Impedence	
Lymphocytes	25	%	20-40	Cell Impedence	
Monocytes	03	%	2-10	Microscopy	
Eosinophils	03	%	1-6	Microscopy	
Basophils	0	%	1-2	Microscopy	
Absolute Neutrophils Count	6.49	10^9/L	2.0-7.0	Impedence	
Absolute Lymphocyte Count	2.35	10^9/L	1.0-3.0	Impedence	
Absolute Monocyte Count	0.28	10^9/L	0.2-1.0	Calculated	
Absolute Eosinophils Count	0.28	10^9/L	0.02-0.5	Calculated	
Absolute Basophil ICount	0.00	10^9/L	0.0-0.3	Calculated	
Morphology	Normocytic normochromic blood picture.		blood picture.	PAPs Staining	







Swarnabala - M DR.SWARNA BALA MD PATHOLOGY





Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19)

## REPORT

 Name
 : Mr. BENNETT
 Sample ID
 : A0013126, A0013128

 Age/Gender
 : 53 Years/Male
 Reg. No
 : 0312401310006

 Referred by
 : Dr. VAMSHI
 SPP Code
 : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 31-Jan-2024 10:28 AM Primary Sample : Whole Blood Received On : 31-Jan-2024 12:26 PM

Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP) Reported On : 31-Jan-2024 01:38 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **CLINICAL BIOCHEMISTRY**

#### **GLUCOSE POST PRANDIAL (PP)**

Test Name Results Units Ref. Range Method

Glucose Fasting (F) 105 mg/dL 70-100 GOD-POD

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	>= 126	>= 200	II I	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

Glucose Post Prandial (PP) 112 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

III II JAANAEIE	J	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	>= 126	>= 200		>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- Postprandial glucose level is a screening test for Diabetes Mellitus
- $\bullet~$  If glucose level is  $>\!140$  mg/dL and  $<\!200$  mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

Result rechecked and verified for abnormal cases

\*\*\* End Of Report \*\*\*

Laboratory is NABL Accredited







DR. VAISHNAVI MD BIOCHEMISTRY



Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19)

## REPORT

Name: Mr. BENNETTSample ID: A0013127Age/Gender: 53 Years/MaleReg. No: 0312401310006Referred by: Dr. VAMSHISPP Code: SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 31-Jan-2024 10:28 AM
Primary Sample : Whole Blood Received On : 31-Jan-2024 12:26 PM
Sample Tested In : Whole Blood EDTA Reported On : 31-Jan-2024 03:54 PM

Client Address : Kimtee colony , Gokul Nagar, Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Ref. Range	Method	
Glycated Hemoglobin (HbA1c)	5.8	%	Non Diabetic: < 5.7 Pre diabetic: 5.7-6.4 Diabetic: >= 6.5	HPLC	
Mean Plasma Glucose	119.76	mg/dL		Calculated	

#### **Interpretation:**

- Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states
- Mean Plasma Glucose(MPG): This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

Laboratory is NABL Accredited

\*\*\* End Of Report \*\*\*

Excellence In Health Care











Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19)

### REPORT

Name : Mr. BENNETT Sample ID : A0013125 Age/Gender : 53 Years/Male Reg. No : 0312401310006 Referred by SPP Code : Dr. VAMSHI : SPL-CV-172 Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 31-Jan-2024 10:28 AM

Primary Sample : Whole Blood Received On : 31-Jan-2024 12:26 PM Sample Tested In : Serum Reported On : 31-Jan-2024 02:18 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Ref. Range	Method	
Kidney Profile-KFT					
Creatinine -Serum	0.94	mg/dL	0.70-1.30	Sarcosine oxidase	
Urea-Serum	24.0	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation	
Blood Urea Nitrogen (BUN)	11.21	mg/dL	7.0-18.0	Calculated	
BUN / Creatinine Ratio	11.93		6 - 22		
Uric Acid	4.8	mg/dL	3.5-7.2	Uricase	
Sodium	144	mmol/L	136-145	ISE Direct	
Potassium	4.0	mmol/L	3.5-5.1	ISE Direct	
Chloride	100	mmol/L	98-108	ISE Direct	

#### Interpretation:

• The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes though the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

Correlate Clinically.

Laboratory is NABL Accredited

\*\*\* End Of Report \*\*\*







