

Sagepath Labs Pvt. Ltd.

Registered Office:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.

ICMR Reg .No. SAPALAPVLHT (Covid -19)

Ph:- 040-40125441, Email:- info@sagepathlabs.com

PORT Website:- www.sagepathlabs.com

REPORT

 Name
 : Mr. JEEVAN RATNAM
 Sample ID
 : 24753566, 24753568

 Age/Gender
 : 37 Years/Male
 Reg. No
 : 0312311100003

 Referred by
 : Dr. SELE
 SPR\_Code
 : SPL\_CV\_173

Referred by : Dr. SELF SPP Code : SPL-CV-172
Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 10-Nov-2023 08:39 AM

Primary Sample : Whole Blood Received On : 10-Nov-2023 01:09 PM

Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP) Reported On : 10-Nov-2023 02:59 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) 149**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) 168 mg/dL 70-140 Hexokinase (HK)

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		>=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











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Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 10-Nov-2023 08:39 AM
Primary Sample : Whole Blood Received On : 10-Nov-2023 01:09 PM

Sample Tested In : Whole Blood EDTA Reported On : 10-Nov-2023 01:27 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

Correlate Clinically.

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

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