



# Sagepath Labs Pvt. Ltd.

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

### LABORATORY TEST REPORT

Name : Mr. M VINAYAK RAO Sample ID : A1308676, A1309029

Age/Gender: 46 Years/MaleReg. NoReferred by: Dr. SELFSPP Code

Referring Customer : V CARE MEDICAL DIAGNOSTICS
Primary Sample : Whole Blood
Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP)

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

: 0312501060023

SPP Code : SPL-CV-172 Collected On : 06-Jan-2025 08:14 AM

Received On : 06-Jan-2025 12:39 PM Reported On : 06-Jan-2025 01:32 PM

Report Status : Final Report

70-100

70-140

### **CLINICAL BIOCHEMISTRY**

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

mg/dL

mg/dL

Test Name Resul	lts Units	Biological Reference Interval
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Glucose Fasting (F)

 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
 > = 6.5
 >=200(with symptoms)

94

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

Glucose Post Prandial (PP)

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	>= 6.5	>=200(with symptoms)

<u>173</u>

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

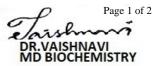
- Postprandial glucose level is a screening test for Diabetes Mellitus
- If glucose level is >140 mg/dL and <200 mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

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











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### LABORATORY TEST REPORT

Name : Mr. M VINAYAK RAO

Sample ID : A1309030 Age/Gender : 46 Years/Male

Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS
Primary Sample : Whole Blood
Sample Tested In : Whole Blood EDTA

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

No : 0312501060023

Reg. No : 0312501060 SPP Code : SPL-CV-172

Collected On : 06-Jan-2025 08:14 AM Received On : 06-Jan-2025 12:39 PM

Reported On : 06-Jan-2025 01:36 PM

Report Status : Final Report

CLINICAL BIOCHEMISTRY				
Test Name	Results	Units	Biological Reference Interval	
Glycated Hemoglobin (HbA1c)	<u>7.0</u>	%	Non Diabetic: < 5.7 Pre diabetic: > 5.7-6.4 Diabetic: >= 6.5	
Mean Plasma Glucose (Method: Calculated)	154.2	mg/dL	2.000.007	

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

NOTE: The above Given Risk Level Interpretation is not age specific and is an information resource only and is not to be used or relied on for any diagnostic or treatment purposes and should not be used as a substitute for professional diagnosis and treatment. Kindly Correlate clinically.

### INTERPRETATION

Method: Analyzer Fully automated HPLC platform.

Average Blood Glucose(eAG) (mg/dL)	Level of Control	Hemoglobin A1c (%)
421		14%
386	_ A _	13%
350	L	12%
314	E	11%
279	R	10%
243	Т	9%
208		8%
172	POOR	7%
136	GOOD	6%
101	EXCELLENT	5%

HbA1c values of 5.0- 6.5 percent indicate good control or an increased risk for developing diabetes mellitus. HbA1c values greater than 6.5 percent are diagnostic of diabetes mellitus. Diagnosis should be confirmed by repeating the HbA1c test.

NOTE: Hb F higher than 10 percent of total Hb may yield falsely low results. Conditions that shorten red cell survival, such as the presence of unstable hemoglobins like Hb SS, Hb CC, and Hb SC, or other causes of hemolytic anemia may yield falsely low results. Iron deficiency anemia may yield falsely high results.

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







