

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)

Method

GOD-POD

Hexokinase (HK)

	REPOR	RT	
Name	: Mr. SANTHOSH KUMAR	Sample ID	: 24864424, 24864425
Age/Gender	: 68 Years/Male	Reg. No	: 0312405030003
Referred by	: Dr. SWARNA DEEPTHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-May-2024 07:57 AM
Primary Sample	: Whole Blood	Received On	: 03-May-2024 04:13 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 03-May-2024 04:52 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

	GLUCOSE POST PRANDIAL (PP)				
Fest Name		Results	Units		Ref. Range
Glucose Fas		90	mg/d	L	70-100
	ting (F) lasma Glucose based on ADA guidelines : FastingPlasma Glucose(mg/dL)			L HbA1c(%)	70-100 RBS(mg/dL)
Interpretation of F	lasma Glucose based on ADA guidelines	2018		1	

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

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 >=200(with symptoms) Diabetes > = 126 > = 200 > = 6.5

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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BIOCHEMISTRY

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REPORT						
: Mr. SANTHOSH KUMAR	Sample ID	: 24864449				
: 68 Years/Male	Reg. No	: 0312405030046				
: Dr. SWARNA DEEPTHI	SPP Code	: SPL-CV-172				
: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-May-2024 12:23 PM				
: Whole Blood	Received On	: 03-May-2024 04:13 PM				
: Whole Blood EDTA	Reported On	: 03-May-2024 04:37 PM				
: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report				
	68 Years/Male Dr. SWARNA DEEPTHI V CARE MEDICAL DIAGNOSTICS Whole Blood Whole Blood EDTA	Mr. SANTHOSH KUMARSample ID68 Years/MaleReg. NoDr. SWARNA DEEPTHISPP CodeV CARE MEDICAL DIAGNOSTICSCollected OnWhole BloodReceived OnWhole Blood EDTAReported On				

CLINICAL BIOCHEMISTRY							
Test Name	Results	Units	Ref. Range	Method			
Glycated Hemoglobin (HbA1c)	6.4	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC			
Mean Plasma Glucose	136.98	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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