

## 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)

			REPOR	<b>хт ——</b>			
Name	: Mrs. VIDYULLEKH	A RANI		Sam	ple ID	: A0012825, A0093433, A00128	
Age/Gender : 54 Years/Female					No	: 0312403130005	
Referred by	: Dr. SELF			SPP	Code	: SPL-CV-172	
Referring Custor	mer : V CARE MEDICAL	DIAGNOSTICS		Colle	Collected On : 13-Mar-2024 08:12 AM		
Primary Sample	: Whole Blood			Rece	eived On	: 13-Mar-2024 12:44 PM	
Sample Tested I	Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP),					: 13-Mar-2024 01:05 PM	
Client Address	: Kimtee colony ,G	okul Nagar,Tarr	naka	Repo	ort Status	: Final Report	
Test Name		Results	Units	HEMISTR Ref	. Range	Method	
Glucose Fasting	3 (F)	123	mg/dL	70-	100	GOD-POD	
	<b>g (F)</b> asma Glucose based on ADA g		mg/dL	70-	100	GOD-POD	
			ma	70-		GOD-POD	
Interpretation of Pla	asma Glucose based on ADA g	guidelines 2018 2hrsPlas	sma g/dL)			GOD-POD	

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

Glucose Post Prandial (PP)	232	mg/dL	70-140	Hexokinase (HK)

Interpretation	of P	lasma	Glucose	based	on ADA	A guide	elines 20	018
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Disancele	<b>J</b>	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
- 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.



VAISHNAVI BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Ref. Range	Method		
Glycated Hemoglobin (HbA1c)	8.3	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC		
Mean Plasma Glucose	191.51	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.

Result rechecked and verified for abnormal cases Laboratory is NABL Accredited

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





OCHEMISTRY