

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

Hexokinase

Hexokinase (HK)

		REPOR	рт	
		KEFUR		
	Name	: Mr. B RAMESH	Sample ID	: A0590849, A0590852
	Age/Gender	: 46 Years/Male	Reg. No	: 0312408150005
	Referred by	: Dr. DILIPI KANDA	SPP Code	: SPL-CV-172
	Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Aug-2024 08:18 AM
	Primary Sample	: Whole Blood	Received On	: 15-Aug-2024 03:49 PM
	Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 15-Aug-2024 04:53 PM
T. LTD.	Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report
Ę				

CLINICAL BIOCHEMISTRY

ma/dL

mg/dL

Ref. Range

70-100

70-140

	GLUCOSE POST PRANDIAL (PP)				
Test Name	Results	Units	Ref. Rang		

3()						
Interpretation of l	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)		

115

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

Glucose Post Prandial (PP)

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)	

145

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.

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



BIOCHEMISTRY



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)

-	REPORT -		
Name	: Mr. B RAMESH	Sample ID	: A0590851
Age/Gender	: 46 Years/Male	Reg. No	: 0312408150005
Referred by	: Dr. DILIPI KANDA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Aug-2024 08:18 AM
Primary Sample	: Whole Blood	Received On	: 15-Aug-2024 03:49 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Aug-2024 05:28 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY				
Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	7.4	%	Non Diabetic:< 5.7	HPLC
-,,		70	Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	
Mean Plasma Glucose	165.68	mg/dL		Calculated

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.

Average Blood Glucose(eAG) (mg/dL)	Level of Control	Hemoglobin A1c (%)	HbA1c values of 5.0- 6.5 percent indicate good control or an increas risk for developing diabetes mellitus. HbA1c values greater than 6 percent are diagnostic of diabetes mellitus. Diagnosis should confirmed by repeating the HbA1c test.
421		14%	commed by repeating the HDATC test.
386		13%	
350	L	12%	
314	E	11%	
279	R	10%	
243		9%	
208		8%	
172	POOR	7%	
136	GOOD	6%	
101	EXCELLENT	5%	

Correlate Clinically.

Result rechecked and verified for abnormal cases Laboratory is NABL Accredited

*** End Of Report ***



BIOCHEMISTRY