

REPORT

Name	: Mr. SANTHOSH KUMAR	Sample ID	: A0590704
Age/Gender	: 68 Years/Male	Reg. No	: 0312408090004
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 09-Aug-2024 08:19 AM
Primary Sample	: Whole Blood	Received On	: 09-Aug-2024 01:32 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 09-Aug-2024 05:10 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY


Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	6.0	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	125.5	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.

INTERPRETATION

Method: Analyzer Fully automated HPLC platform.

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

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.

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR.VAISHNAVI
MD BIOCHEMISTRY