

NAME	: MR SANJAY MODI		58	Years / Male Reg	No. : 11313				
Ref. By	: SELF			Reg. Date : 16	6/05/2022 11:31AM				
Address	: krishna hyundai opp. s	rishna hyundai opp. saptdev mandir main road korba Collected At : MedZone Center							
INVESTIGATION REPORT									
CLINICAL BIOCHEMISTRY									
<u>TEST</u>		<u>RESULT</u>	<u>UNIT</u>	BIOLOGICAL REF RANG	E TEST METHOD				
Glycosylated Hemoglobin (GHb/HBA1c)									

Sample Type	: WB - EDTA					
Glycosylated Hemoglobin (GHb/HBA1c)	: 8.5	%	4.8 - 6.0 : Non Diabetic 6.0 - 7.0 : Good Control 7.0 - 8.0 : Weak Control	Biorad D10 HPLC		
			More than 8 : Poor Control			

Glycosylated hemoglobin (*hemoglobin A1c, HbA1c, A1C*, or *Hb1c*; sometimes also *HbA1c*) is a form of hemoglobin used primarily to identify the average plasma glucose concentration over prolonged periods of time. It is formed in a non-enzymatic pathway by hemoglobin's normal exposure to high plasma levels of glucose. Glycation of hemoglobin has been associated with cardiovascular disease, nephropathy and retinopathy in diabetes mellitus. Monitoring the HbA1c in type-1 diabetic patients may improve treatment. HbA1c is a weighted average of blood glucose levels during the preceding 120 days, which is the average life span of red blood cells. A large change in mean blood glucose can increase HbA1c levels within 1-2 weeks. Sudden changes in HbA1c may occur because recent changes in blood glucose levels in the 30 days immediately preceding blood sampling contribute 50% to the HbA1c level, whereas glucose levels in the preceding 90-120 day period contribute only 10%. Thus, it does not take 120 days to detect a clinically meaningful change in HbA1c following a significant change in mean plasma glucose level.

METHOD: Ion Exchange Chromatography High performance liquid chromatography(HPLC)

INSTRUMENT: D -10 Bio-Rad Laboratories; FRANCE

--- End Of Report ---

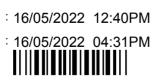
Home Collection

Dr. VANDANA CHANDANI

Report Released On
Sample Barcode :

Sample Registered On

Sample Received On



: 16/05/2022 11:31AM

Checked By:NAREN