



LABORATORY TEST REPORT

Patient Name **Mr AVTAR SINGH**

Age : 54 Year(s) Gender : Male

Sample ID : 20531067

Sample Type : WB EDTA

Patient ID : 2345899

Ref. Doctor : NA

Ref. Customer : NA

Lab Code : CPL-HR-221

Sample Collection Date : 2024-09-10 00:00

Registration Date : 2024-09-11 07:47

Approved Date :



CLINICAL BIOCHEMISTRY

Test Description	Result	Units	Biological Reference Ranges
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HbA1c (Glycated Haemoglobin)

(Method: HPLC)

Glycated Haemoglobin (A1c)

5.4

%

< 6 : Non Diabetic
6-7 : Good Control
7-8 : Weak Control
>8 : Poor Control

Estimated average glucose (eAG)

108.28

mg/dL

70 - 136

INTERPRETATION

Reference Group	HbA1c in %	HbA1c (%)	Mean Plasma Glucose (mg/dL)
Non diabetic adults >=18 years	< 5.7	4	68
At risk (Prediabetes)	5.7 - 6.4	5	97
Diagnosing Diabetes	>= 6.5	6	126
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: < 7.5	7	154
		8	183
		9	212
		10	240
		11	269
		12	298

Note:

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
- Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

--End of Report--



Dr Sapna Vyakaranam
MD Biochemist



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HEMATOLOGY

Table with 4 columns: Test Description, Result, Units, Biological Reference Ranges. Rows include Hemogram (Hemoglobin, Erythrocyte Count, PCV, Platelet Count, Erythrocyte Indices) and Total Leukocyte & Differential Count (Total Leucocyte Count, Neutrophils, Lymphocytes, Eosinophils, Monocytes, Basophils). Includes a MICROSCOPIC BLOOD PICTURE section with RBC, WBC, and Platelet Morphology, and Erythrocyte Sedimentation Rate (ESR).

--End of Report--



Signature of Dr. Rahul Dev Singh

Dr Rahul Dev Singh
MD, Pathology TSMC 70466



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