

Name : TESTNOW **Patient ID :** SC23F000002 **Gender :** Male
Place : Bangalore **Age :** 62 **A/c Status :**
Lab No. : SC1 **Ref By :** me **Date & Time :** 11/07/2024 13:29:11



Test Category	Test Name	Results	Units	Bio. Ref. Interval
Diabetic Marker	HbA1c	4	%	<5.7
	eAG	200*	mg/ dL	<117 mg/ dL

Interpretation

As per American Diabetes Association	
Reference Group	HbA1c in %
Non Diabetic Adults	< 5.7
At risk (Pre Diabetes)	5.7 – 6.4
Diagnosing Diabetic	>= 6.5
Therapeutic Goals for glycemic control	Age > 19 Years Goal of therapy: <7 Action suggested: >8 Age < 19 Years Goal of therapy: <7.5

Note:

- Any condition that shortens erythrocyte life like sickle cell disease, pregnancy (2nd and 3rd trimester), haemodialysis, recent blood loss or transfusion, or erythropoietin will falsely lower HbA1c levels regardless of assay method.
- In patients with HbA1c levels between 7 – 8%, Glycemark test may be done to identify those with more frequent and severe hyperglycemic excursions.
- Low glycated haemoglobin (below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
- To estimate the eAG from the HbA1C value, the following equation is used: $eAG(mg/dl) = 28.7 \times A1c - 46.7$
- In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.
 - Excellent Control - 6 to 7 %,
 - Fair to Good Control - 7 to 8 %,
 - Unsatisfactory Control - 8 to 10 %
 - Poor Control - More than 10 %.

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male

Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 11/07/2024 13:29:11



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

ADA criteria for correlation between HbA1c levels and Mean plasma glucose levels

HbA1c in %	Mean Plasma Glucose (mg/dL)
6	126
7	154
8	183
9	212
10	240
11	269
12	298

IMPORTANT INSTRUCTIONS

- Test results pertain to specimen submitted
- All test results are dependent on the quality of sample received
- Investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the referring physician
- Report delivery may be delayed due to unforeseen conditions
- Certain tests may require further testing at additional costs for derivation of exact value
- Test results may show inter/Intra laboratory variations
- The courts of Delhi shall have exclusive jurisdiction in all disputes/claims concerning test(s) and/or result of test(s)
- Test results are not valid for medico legal purposes.

Signature

-----End Of Test-----