

Name : TEST ALL

Patient ID : Patient Id

Gender : Gender

Place : Place

Age : AGE

A/c Status : A/C status

Lab No. : lab no.

Ref By : ref by.

Date & Time : date & time



Test Category	Test Name	Results	Units	Bio. Ref. Interval
Diabetic Marker	HbA1c	eag.	%	<5.7
	eAG	HbA1c	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 (2<sup>nd</sup> and 3<sup>rd</sup> 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-----