

REPORT

VINEET K GOYAL
24, Kohinoor,
Vishrambaug Hsg Society,
Senapati Bapat Road, Pune
Tel No: 919822403677
PID: 114462

Age:39.07 Years Sex:MALE

Reference:Dr.DIXIT JAGANNATH
Sample Collected At:
India Free of Obesity & Diabetes Campaign

Zone CA

SID: 120023914

Collection Date:

16-06-2020 09:10 AM

Sample Date:

16-06-2020 09:10 am

Report Date:

16-06-2020 03:21 PM

Test Description	Observed Value	Biological Reference Interval
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TEST NAME

Glycated Hemoglobin (HbA1C), by HPLC	6.90	4.0 to 5.6 %
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Interpretation :

HbA1C level reflects the mean glucose concentration over previous 8-12 weeks and provides better indication of long term glycemic control.

For diagnosis of Diabetes Mellitus (≥ 18 yrs of age) :

5.7 % - 6.4 % : Increased risk for developing diabetes.

≥ 6.5 % : Diabetes

Therapeutic goals for glycemic control :

Adults : < 7%

Toddlers and Preschoolers : < 8.5% (but > 7.5 %)

School age (6-12 yrs) : < 8%

Adolescents and young adults (13 - 19 yrs) : < 7.5 %


Levels of HbA1C may be low as result of shortened RBC life span in case of hemolytic anemia.

Increased HbA1C values may be found in patients with polycythemia or post splenectomy patients.

Patients with Homozygous forms of rare variant Hb(CC,SS,EE,SC) HbA1c can not be quantitated as there is no HbA. In such circumstances glycemic control can be monitored using plasma glucose levels or serum Fructosamine.

The A1c target should be individualized based on numerous factors, such as age, life expectancy, comorbid conditions, duration of diabetes, risk of hypoglycemia or adverse consequences from hypoglycemia, patient motivation and adherence.

Ref : ADA (Standards of Medical Care in Diabetes - 2017)


Dr. (Mrs.) Awanti Golwilkar Mehendale
MD (Path) Regn.No.: 2000/02/1052

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Test Description

Plasma Glucose :

Plasma glucose fasting, by Hexokinase method

Observed Value

134

Biological Reference Interval

< 100 mg/dL
100 to 125 mg/dL : Impaired fasting
glucose tolerance / Prediabetes
>= 126 mg/dL : Suggestive of
diabetes mellitus
(On more than one occasion)
American Diabetes Association
Guidelines 2019

Hormones

Insulin Fasting, Serum by CMIA

14.30

Fasting : 2.5 to 25 μ U/mL
Peak upto 150 μ U/mL

T3 (Total), serum by CMIA

0.77

0.64 to 1.52 ng/ml

T4 (Total), serum by CMIA

5.01

4.87 to 11.72 μ g/dL

TSH(Ultrasensitive), serum by CMIA

1.03

0.40 - 4.00 μ IU/mL

End of Report

Awanti Golwilkar Mehendale

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