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HEMOGLOBIN A1C

Collected on February 13, 2024 2:38 PM

Lab tests - Blood (Blood, Venous)

Results

HEMOGLOBIN A1C

Normal range: below <5.7 %

Value

5.3

Non-Diabetic Reference Range <5.7%

Pre-Diabetic Reference Range 5.7% - 6.4%

Diabetic Reference Range >6.4%

The American Diabetes Association recommends that the goal of therapy should be a hemoglobin A1C of < 7.0% and that physicians should reevaluate the treatment regimen in patients with hemoglobin A1C values consistently > 8.0%.

ESTIMATED AVERAGE GLUCOSE

mg/dL

Value

105

Estimated Average Glucose

A1C(%) mg/dl (95% CI)

5 97 (76-120)

6 126 (100-152)

7 154 (123-185)

8 183 (147-217)

9 212 (170-249)

10 240 (193-282)

11 269 (217-314)

12 298 (240-347)

Based on the ADAG formula: $eAG = (28.7 \times A1c) - 46.7$

with the 95% confidence interval as reported in:

Nathan DM et al, Diabetes Care, 2008, 31(8);1476

Authorizing provider: Myfanwy Callahan, MD

Collection date: February 13, 2024 2:38 PM

Result date: February 13, 2024 6:04 PM

Result status: Final

Resulting lab:

ATRIUS DEPARTMENT OF PATHOLOGY AND LAB MEDICINE

152 SECOND AVE

NEEDHAM MA 02494-2809

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