

Laboratory Report

Hemoglobin A1c

2981-A1C

JOHN DOE
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LEES SUMMIT, MO 64086

BLOOD SPOT ID 99999999
DATE OF BIRTH 1/1/1972
GENDER M
CLIENT ID 9999

Understanding the Test

Measurement of Hemoglobin A1c is used for diabetes risk assessment in individuals with no diabetes, and also used to monitor long term blood sugar control in patients diagnosed with diabetes.

Summary of Results

Reference Range

HEMOGLOBIN	4.6	%	4.0 - 6.0 %
ESTIMATED AVERAGE GLUCOSE (CALCULATED)	85	mg/dL	68 - 126 mg/dL

Understanding the Results

The reference range is for individuals with no diabetes. A1c values of 6.5% or higher are usually consistent with a diagnosis of diabetes. Individuals with diabetes, and without a history of severe hypoglycemia, should keep levels below 7.0% to avoid complications of the disease. Many factors can affect interpretation of Hemoglobin A1c results. Certain medications, high triglycerides, and liver disease may cause falsely low values. Conversely, iron, or Vitamin B12 deficiency may cause falsely elevated results. A1c results may be inconclusive in patients with chronic kidney disease and alternative forms of testing should be considered in that case. Genetic variants (HbS trait, HbE trait, and HbD traits) do not affect A1c results in this laboratory report.

These test results do NOT make or confirm a diagnosis which can only be made by a qualified health professional.

Laboratory Processing Summary

COLLECTION DATE	RECEIPT DATE	TESTING DATE	REPORT DATE
9/7/2018	9/7/2018	9/7/2018	9/7/2018

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