

0070426

Hemoglobin A1c

HBA1C

Methodology: Quantitative Capillary Electrophoresis

Specimen Required: Collect: Lavender (EDTA) or Pink (K₂EDTA).

Specimen Preparation: Transport 5 mL whole blood in original tube. (Min: 1 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Tissue or urine.

Stability (collection to initiation of testing): Ambient: 72 hours; Refrigerated: 1 week; Frozen: 3 months (avoid repeated freeze/thaw cycles)

Reference Interval:

Effective May 21, 2018

Test Number	Components	Reference Interval
	Hemoglobin A1c	Less than 5.7 percent
	Estimated Average Glucose	By report

Interpretive Data: HbA1c values of 5.7-6.4 percent indicate an increased risk for developing diabetes mellitus. HbA1c values greater than or equal to 6.5 percent are diagnostic of diabetes mellitus. For diagnosis of diabetes in individuals without unequivocal hyperglycemia, results should be confirmed by repeat testing.

Note: This assay provides accurate results for hemoglobin A1c in the presence of hemoglobin variants when hemoglobin A is also present. In patients with known hemoglobin variants without hemoglobin A, suggest monitoring long term glycemic control with Fructosamine (ARUP test code: 0099012).