

D-100™ HbA_{1c} Quick Guide

Result Review

Any results that do not meet the following criteria should not be reported.

Item	Criteria
Total Area range	50,000–350,000
Quality Control	Values should be in range
HbA _{1c} reportable range	<ul style="list-style-type: none"> • NGSP: 3.5–20.0% • IFCC: 15–195 mmol/mol • Any sample with >15% or >140 mmol/mol HbA_{1c} should be suspected of having a hemoglobin variant.
HbF	≤30%
Labile A _{1c} (LA1c)	No interference
Carbamylated hemoglobin (CHb)	<ul style="list-style-type: none"> • No interference • CHb elutes in the LA1c window
P3 peak	≤10%
Heterozygous hemoglobins E, D, S, and C	No interference
E, D, S, and/or C windows	Combined area <50%
“Unknown” peaks	“Unknown” peak ≤10%

Test Components

USE	REF	Symbol	Description
290-1004		ANLT CRTR CAL PACK	Analytical Cartridge/Calibrator Pack
290-1006		CAL PACK	Calibrator Pack
290-1007		PRE FIL	Prefilters (5 per package)
290-1008		CLN TUBE	Cleaning Tube
290-1009		SAMP DIL	Sample Diluent
290-1010		BUF A	Elution Buffer A
290-1011		BUF B	Elution Buffer B
290-1012		WSH SOLN	Wash Solution