

A1C EZ 2.0

Unique Handheld POCT HbA1c Analyzer

About HbA1c

What is HbA1c

1. HbA1c is one of the two primary techniques available for health providers and patients to assess the effectiveness of the management plan on glycoemic control.
2. HbA1c reflects average glycoemia over several months and has strong predictive value for diabetes complications.
3. Point-of-care testing for A1c provides the opportunity for more timely treatment changes.

HbA1c Test Frequency

1. Perform the A1c test at least two times a year in patients who are meeting treatment goals and who have stable glycoemic control.
2. Perform the A1c test quarterly in patients whose therapy has changed or who are not meeting glycoemic goals.
3. The frequency of A1c testing should depend on the clinical situation, the treatment regimen, and the clinician's judgment.

HbA1c Goals

1. A reasonable A1c goal for many nonpregnant adults is 7% (53 mmol/mol); more stringent A1c goals (such as 6.5% [46 mmol/mol]) for selected individual patients if this can be achieved without significant hypoglycemia or other adverse effects of treatment; less stringent A1c goals (such as 8% [64 mmol/mol]) may be appropriate for patients in whom the general goal is difficult to attain.
2. The A1c target in pregnancy is 6-6.5% (42-48 mmol/mol); 6% (42 mmol/mol) may be optimal if this can be achieved without significant hypoglycemia, but the target may be relaxed to 7% (53 mmol/mol) if necessary to prevent hypoglycemia.
3. A target of 6-6.5% (42-48 mmol/mol) is recommended across all pediatric age-groups; a lower goal (7.0% [53 mmol/mol]) is reasonable if it can be achieved without excessive hypoglycemia.

Reference: Diabetes Care Volume 39, Supplement 1, January 2016

A1C EZ 2.0 COMPONENTS



Mini USB Data Interface, for HIS/LIS/Thermal Printer



Code Chip, automatically calibrate code



Once Test, three kind of results



Built-in Speaker, voice prompt in whole process



Big Screen, clearly display the result

A1C EZ 2.0 Advantages

Accurate

- NGSP and IFCC double certificates
- Boronate Affinity Chromatography Technology, no interference from HbF, HbE and other variable and unstable Hb
- Accurate results with CV<3%

Convenient

- Room Temperature Storage of all Components
- 3 steps easy operation
- Only about 3µL of capillary or venous blood sample

Fast

- No preheat needed before testing
- No manually calibration needed
- Get the result within 5 minutes

IFCC Certificate
(International Federation of Clinical Chemistry)



NGSP Certificate
(National Glycohemoglobin Standardization Program)



Operation Guide



- Disinfect the fingertip
- Insert the code chip
- Turn on the analyzer



- Carefully insert the test strip
- Prick the fingertip
- Absorb the blood with sampler



- Vertically add 3 continuous drops of buffer A



- Press the sampler thread onto the strip



- Vertically add 2 continuous drops of buffer B



- Read the test result