

AFIAS HbA1c Neo

Ultimate diabetes test

Check your HbA1c level with the smallest laboratory on your desk

Advantages in storage

- Room temperature storage possible

Various interpretations of test result

- Provide in three standardized units of HbA1c (NGSP, IFCC, and eAG quantitatively)

Small sample volume

- Only need 10 uL whole blood

User convenience

- Minimum training required

Fast result time

- Total 10 minute to get the result



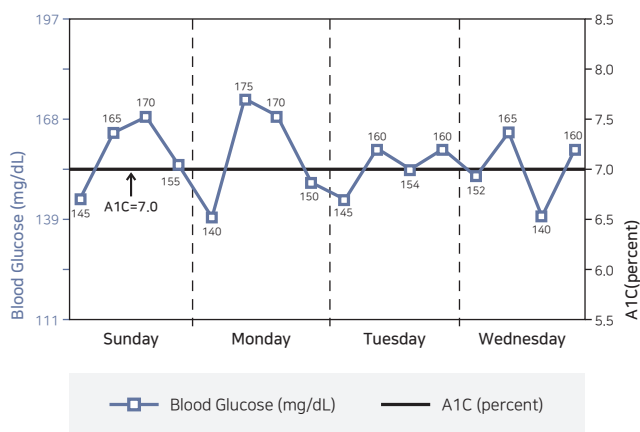
What is HbA1c and the HbA1c test?

- The HbA1c is a form of the glycated hemoglobin.
- The HbA1c test is a blood test that provides information about a person's average levels of plasma glucose, also called blood sugar, over the past 3 months.
- While the level of blood sugar varies widely depending on the food uptake, that of HbA1c does not change by daily intake of food.
- Since 2009, HbA1c test has been standardized and is recommended by the International Expert Committee for the testing of type 2 diabetes.



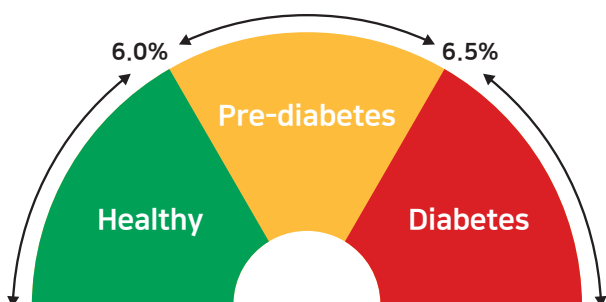
The level of HbA1c can determine type 2 diabetes and prediabetes

- The level of HbA1c is not affected by daily food uptake.



- The level of HbA1c represents an average value of glycation for the last three months, a life span of hemoglobin.
- Therefore, fasting is not needed for the HbA1c test.

Diagnosis of Diabetes and Prediabetes in NGSP scale



Common side effect of diabetes.

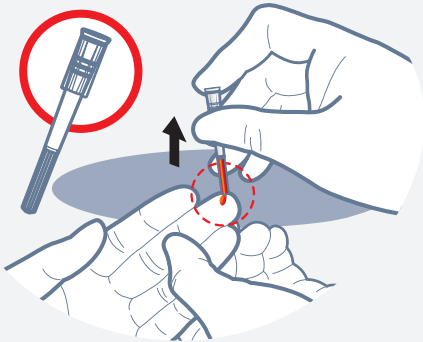
- **Foot ulcer** – These non-healing wounds form on bottom or side of a person's foot, often becoming inflamed and infected.
- **Vision impairment** – Elevated blood glucose levels over time harm the eye's delicate blood vessels. (Diabetic retinopathy)
- **Kidney failure** – High blood glucoses thickens and scars the nephrons, the tiny structures within the kidneys that filter your blood.
- **Neuropathy** – Most common diabetes complications. Feeling of a mild tingling or numbness in your hands or feet. But eventually, this form of nerve damage can cause pain and weakness.
- **Gum disease** – Elevated blood sugar levels modify the collagen in all of our tissues. Also, it will lead to a slight increase susceptibility to infections of all kinds.

Why AFIAS HbA1c

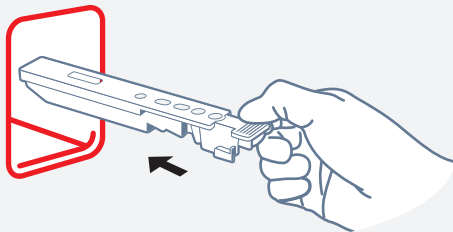
- Long shelf life and compact packaging is suitable to use at the hospital and clinics.
- Only a small, 10 uL, finger stick blood sample is needed to test HbA1c with AFIAS.
- Small and compact AFIAS can provide reliable and fast result with proven stability to anyone anywhere at anytime.
- Rapid and reliable solution within 10 minute and it detects 4.0 – 15.0 % (NGSP).

Quick Reference Guide

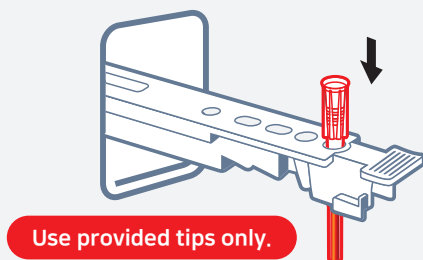
- 1 Take 10 µL of sample with a C-tip.



- 2 Insert the cartridge fully into the cartridge holder.



- 3 Insert a tip into the tip hole of the cartridge.



- 4 To start the test, tap the 'START' icon on the screen.



- 5 The test result will be displayed on the screen in 10 minute.



Clinical Benefits of AFIAS HbA1c Neo?

- A test result delivered to patients in 10 minute – while patients are still at the physician's office, compared to hours later if a sample must be sent out to traditional laboratories.
- On-demand testing will increase the facilitating better quality of service and practice. The patient's satisfaction with clinical treat will increase.
- Clinical diagnosis will allow doctors to test for HbA1c and initiate treatment or monitor diabetes status and adjust medicines and treatment during the same face-to-face visit.

C-tip: Alternative way of collecting sample

A unique invention of Boditech's C-tip is used for small volume collection.

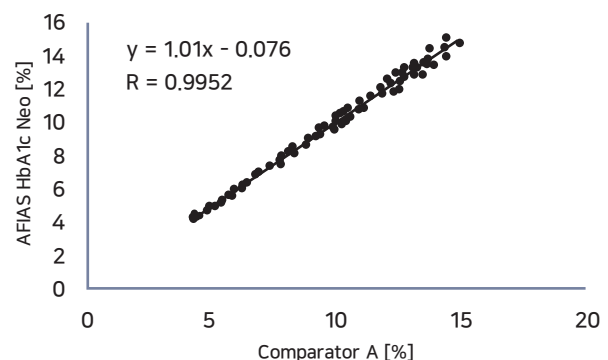
- You can directly collect the whole blood with our C-tip and simply put the C-tip into the tip hole of the cartridge. No pipetting required.
- This invention brilliantly combines sample collecting and sample processing all at once.



Comparability

- Boditech Med ensures that the performance of our product is equivalent and comparable to other devices.
- 100 clinical samples were used for the method comparison study ($R=0.9952$).

AFIAS HbA1c Neo and Comparator A's comparison study



AFIAS HbA1c Neo can apply to

Fully automated POC system with All-in-One cartridges

AFIAS-1



AFIAS-6



AFIAS-10



Versatile device can help you to check other diabetes-related biomarkers at point!

Specification

Assay time	10 min with All-in One cartridge
Sample type	Whole blood (finger flick blood possible)
Sample volume	10 uL
Measuring range	4 – 15 % (NGSP)
Storage condition	All-in-One cartridge at 2-30°C
Control	Available



Ordering information

Product	Cat. No.	Size	Storage	Shelf Life
AFIAS HbA1c Neo	SMFP-109	24T/Kit	2-30 °C	20 months
Boditech HbA1c Control	CFPO-96	1 vial	2-8 °C	12 months
AFIAS -1	FPRR019	1 set	Room temperature	
AFIAS-6	FPRR020	1 set	Room temperature	
AFIAS-10	FPRR038	1 set	Room temperature	

The smallest laboratory on your desk

- Boditech Med