

On-Call[®] MultiPro System

HbA1c Test

Simple and
Reliable Measurement



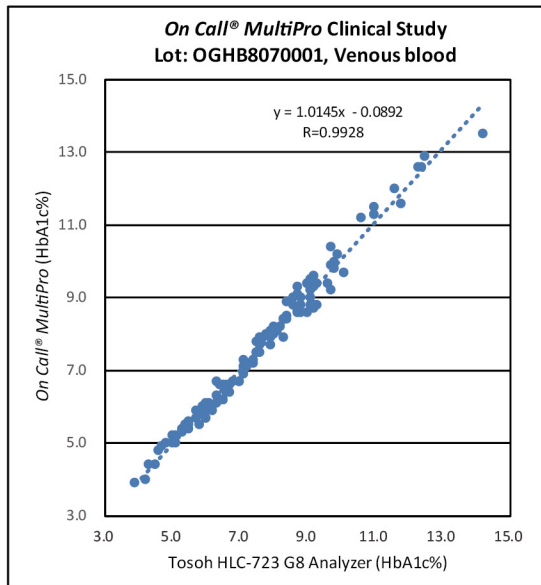
- Immunoturbidimetric Technology
- Accurate Results in ≤ 6 Minutes
- Easy, 3-Step Operation
- 1 μ L Capillary or Venous Whole Blood
- IFCC and NGSP Certified
- Room-temperature Storage

ACON[®]
Diabetes Care

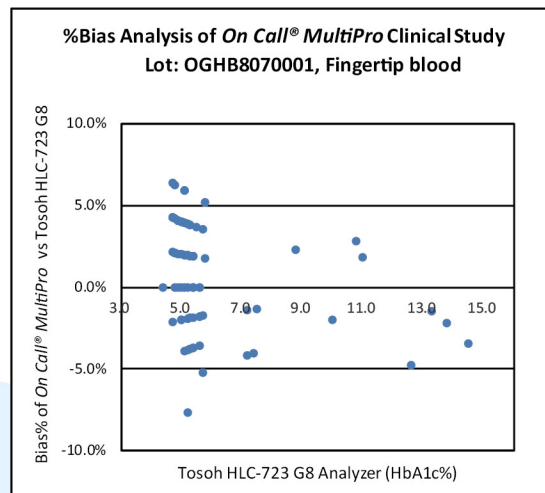
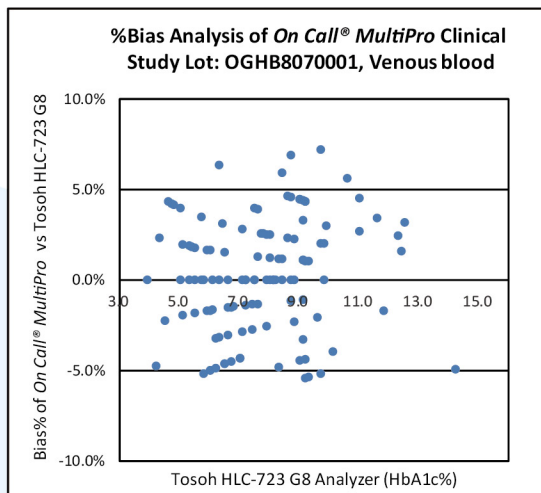
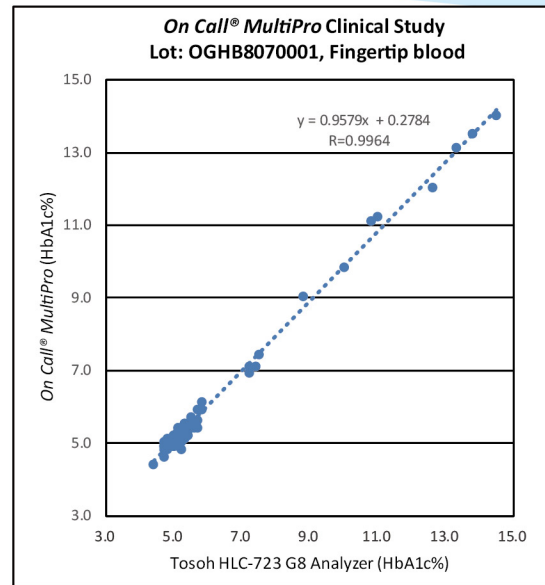


Accurate and Reliable Results

Blood Sample: Venous



Blood Sample: Fingertip



Cartridge Lot	OGHB8070001
%Bias vs. Reference	≤ ±5%
Counting Percentage/%	112/121 92.6%

Cartridge Lot	OGHB8070001
%Bias vs. Reference	≤ ±5%
Counting Percentage/%	74/80 92.5%

Conclusion:

Accuracy meets the requirement of NGSP certification: more than 90% of results are within ±5% bias (HbA1c 3.8-15.0%, 18-140 mmol/mol).

Linearity $R > 0.99$, $0.95 < \text{Slope} < 1.05$, $CV \leq 3.0\%$

Advanced Features for Healthcare Providers

7-inch Touch Screen

Large touch screen for easy operation

Fast and Simple Test Procedure

Only ≤ 6 minutes for an HbA1c result

User-friendly Interface

Easily navigate workflow

Efficient Workflow

Minimal hands-on time

Cable and Wireless Connectivity

Suitable for small and large facilities

Multiasay System

Test for HbA1c, ACR and CRP on one analyzer



★ Small Sample Volume

Just 1 μ L blood sample per HbA1c test

★ Accurate and Reliable Results with Immunoassay Technology

Accuracy of the system proven by extensive clinical studies

★ Room Temperature Storage of HbA1c Test Cartridge

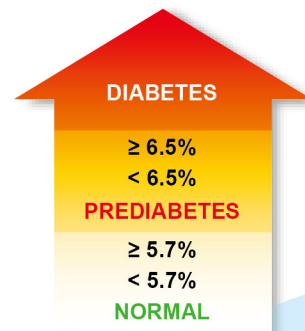
2-30°C (36-86°F): 24-month shelf life

Diagnosing and Controlling Diabetes with HbA1c Testing

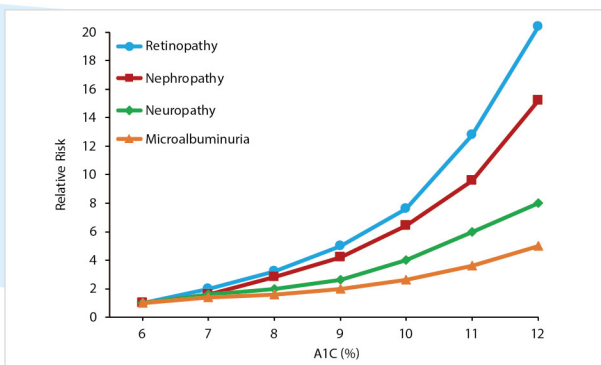
Timely Information Leads to Better Treatment

HbA1c: The Gold Standard

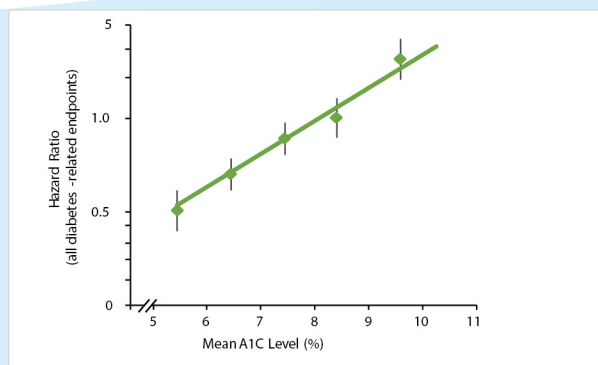
HbA1c (also called glycohemoglobin, glycated hemoglobin, or A1C) reflects average glycemia over 2-3 months and is a primary index to assess the effectiveness of diabetes management. Additionally, it has strong predictive value for diabetes complications. Two large-scale studies, the UK Prospective Diabetes Study (UKPDS) and the Diabetes Control and Complications Trial (DCCT), demonstrated that the reduction of HbA1c levels can significantly decrease the risk of diabetes-related complications or death.



HbA1c



DCCT A1C levels and the risk of complications in type 1 diabetes



Lowering A1C levels reduces the risk of diabetes complications in people with type 2 diabetes

UKPDS: 21% risk reduction per 1% absolute decrease in A1C levels ($p < 0.0001$)

References: [1] Diabetes Care Volume 41, Supplement 1, January 2018.

[2] DCCT. Diabetes 1995;44:968-43

[3] UKPDS 35 BMJ 2000; 321:405-12

Specifications

Feature	Specifications
Methodology	Immunoturbidimetric
Test Time	≤ 6 minutes/ HbA1c Test
Specimen	1 µL capillary or venous whole blood for HbA1c Test
HbA1c Test Range	3.8-15.0% NGSP or 18-140 mmol/mol IFCC
Memory	5,500 records for patient specimens and QC tests
Application	Only use <i>On Call® MultiPro</i> Test Kits and Controls
Printer	Built-in thermal printer; external printer interface
Data Transport	RS232, USB, LAN, WLAN
Operating Conditions	15-32 °C (59-89.6 °F); 10-90% RH; Altitude ≤ 2000 m
Screen	TFT 1024x600 touch screen
Weight	2.3 kg without power supply and printing paper
Dimensions	257x313x158 mm

Catalog

Product Name	Catalog No.	Contents
<i>On Call® MultiPro</i> Analyzer	G116-112-101	*1 Analyzer *Printer Paper Rolls *Power Cord *Power Supply Adapter *Quick Reference Guide *User's Manual
<i>On Call® MultiPro</i> Analyzer (with Barcode Reader)	G116-122-101	*1 Analyzer *Printer Paper Rolls *Power Cord *Power Supply Adapter *Quick Reference Guide *User's Manual *Barcode Reader
<i>On Call® MultiPro</i> HbA1c Test Kit	G136-112	*10 Test Cartridges (with Capillary Devices) *1 Extra Capillary Device *Package Insert
<i>On Call® MultiPro</i> HbA1c Individual Controls	G126-122	*5 x 1 µg HbA1c Control Level 1 *5 x 1 µg HbA1c Control Level 2 *1 HbA1c Control ID Cartridge *Package Insert
<i>On Call® MultiPro</i> HbA1c Controls	G126-172	*Control Level 1 *Control Level 2 *Control ID Cartridge *Reconstitution Solution *White Dropper Cap *Black Dropper Cap *Package Insert
<i>On Call® MultiPro</i> Printer Paper Rolls	G126-132-101	*4 Rolls/Kit
<i>On Call® MultiPro</i> Barcode Reader	G126-142-101	*1 Reader *1 Barcode Reader Power Cord
<i>On Call® MultiPro</i> Data Transfer Cable (RS232)	G126-152-101	*1 Cable *1 Package Insert
<i>On Call® MultiPro</i> Data Transfer Cable (USB)	G126-152-102	*1 Cable *1 Package Insert



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