

# **On-Call<sup>®</sup> MultiPro System**

## **HbA1c Test**

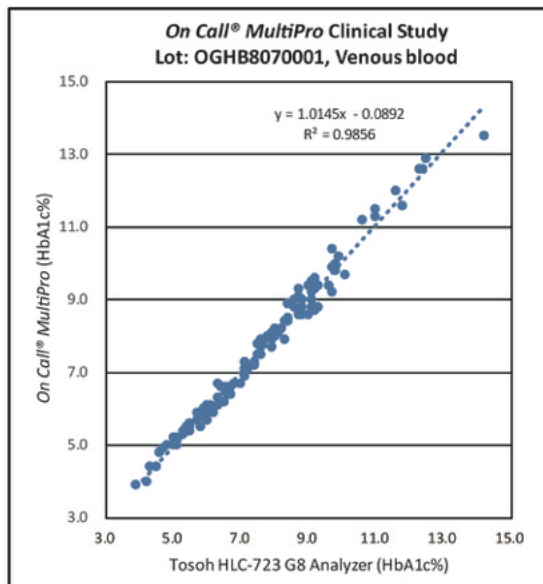
**Simple** and  
**Reliable Measurement**



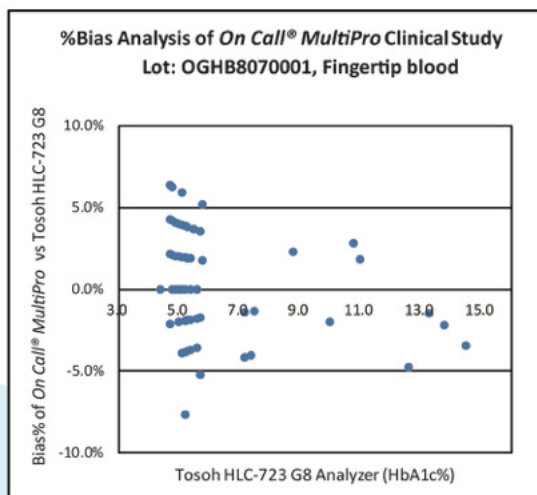
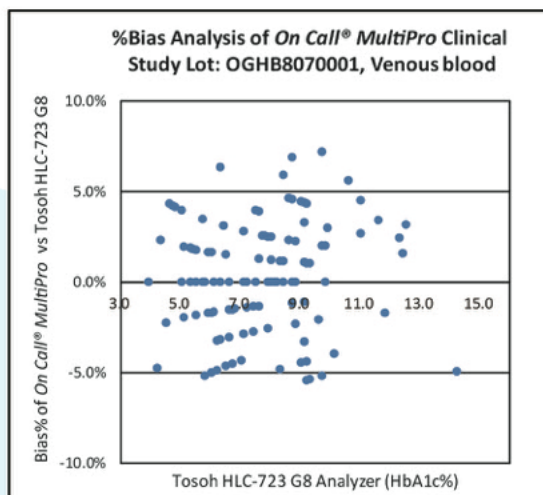
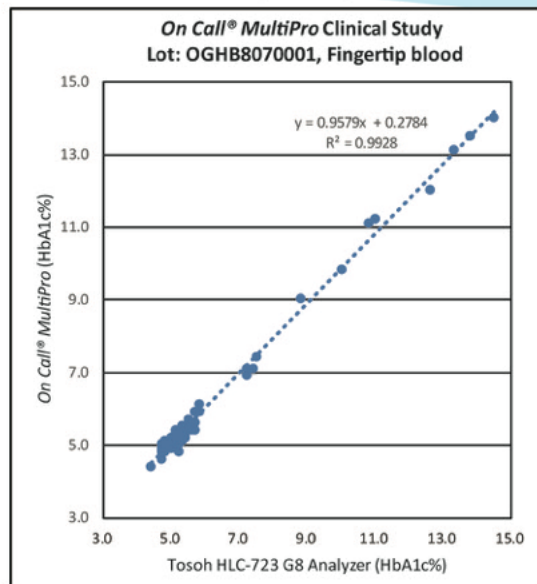
- Immunoturbidimetry Technology
- ≤ 6 Minutes to Get an Accurate Result
- 3-Step Operation
- 1 µL Capillary or Venous Whole Blood

## Accurate and Reliable Results

### Blood Sample: Venous



### Blood Sample: Fingertip



Cartridge Lot	OGHB8070001
%Bias vs. Reference	$\leq \pm 5\%$
Counting Percentage/%	112/121 92.6%

Cartridge Lot	OGHB8070001
%Bias vs. Reference	$\leq \pm 5\%$
Counting Percentage/%	74/80 92.5%

## Conclusion:

The clinical study results of *On Call® MultiPro* System HbA1c meet the NGSP criteria.

More than 92.5% of the results are within 5% bias (HbA1c 3.8-15.0%, 17.8-141.0 mmol/mol).

Linearity  $R^2 > 0.98$ ,  $0.95 < \text{Slope} < 1.05$ ,  $CV \leq 3.0\%$

## Advanced Features for Healthcare Providers

### 7-inch Touch Screen

Large touch screen for easy operation

### Fast and Simple Test Procedure

Only  $\leq 6$  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

### Multiassay System

Test for HbA1c, ACR and CRP on one analyzer



### ★ Small Sample Volume

Just 1  $\mu$ L blood sample per HbA1c test

### ★ Accuracy and Reliable Results with Immunoassay Technology

Accuracy of the system proven by extensive clinical studies

### ★ Room Temperature Storage of HbA1c Test Cartridge Optional

2-8°C (36-46°F): 24-month shelf life

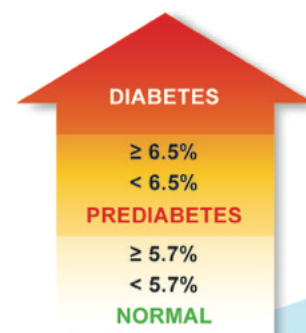
2-30°C (36-86°F): 3 months anytime before expiration date

## Diagnosing and Controlling Diabetes with HbA1c Testing

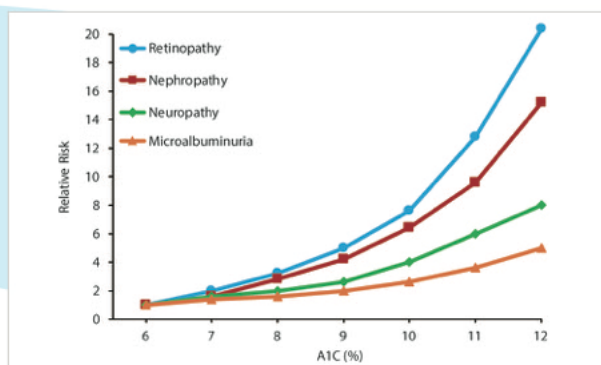
**Timely Information Leads to Better Treatment**

### HbA1c: The Gold Standard

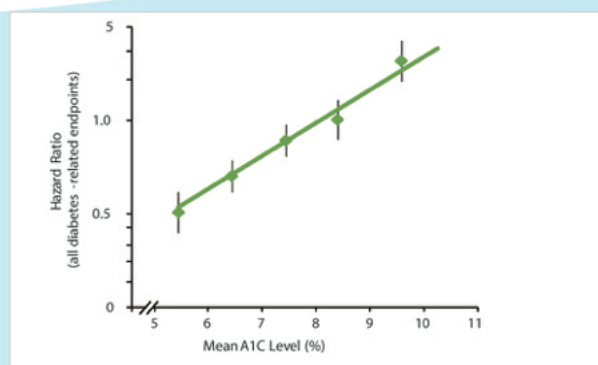
HbA1c (also called glycohemoglobin, glycated hemoglobin, or A1C) reflects average glycemia over 2-3 months and is a primary index to assess the effectiveness of diabetes management. Additionally, it has strong predictive value for diabetes complications. Two large-scale studies, the UK Prospective Diabetes 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	Immunoturbidimetry
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 17.8-141.0 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	Inner thermal printer; external printer interface
Data Transport	RS232, USB, LAN, WLAN
Operating Conditions	10-40 °C (50-104 °F); 10-90% RH; Altitudes ≤ 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	*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	*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 Sampling Devices) *1 Extra Sampling Device *Package Insert
<i>On Call® MultiPro</i> HbA1c Individual Controls	G126-122	*5 x 1µg HbA1c Control Level 1 *5 x 1µg HbA1c Control Level 2 *1 HbA1c Control ID Cartridge *Package Insert
<i>On Call® MultiPro</i> Printer Paper Rolls	G126-132	N/A
<i>On Call® MultiPro</i> Barcode Reader	G126-142	
<i>On Call® MultiPro</i> Data Transfer Cable	G126-152	



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