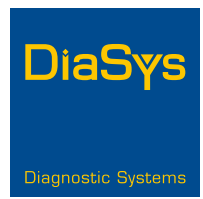


 **Qx A1c ADVANCE**
— ONE STEP A1c SYSTEM —



Compact | Convenient | Reliable

**Point of care. Anytime.
Anywhere.**



CHOOSING QUALITY.

Compact | Convenient | Reliable

QDx A1c Advance system is based on test principle of Boronate Bead Affinity Chromatography for quantitative determination of HbA1c and eAG using capillary and venous blood. It allows easier diabetes care.

Features

QDx A1c Advance test kit consists of two components cassette (A) and reagent pack (B). The reagent pack contains reaction solution and washing solution for the determination of HbA1c and eAG.

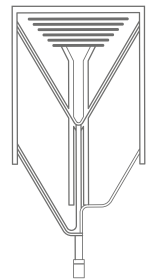
Simple One Step Test

- All in one reagents
- Auto calibrated test cassettes
- Precision : CV < 3%,
- Accuracy : 97.5%
- Test result : 4 minutes and 30 seconds
- Provide HbA1c test result along with eAG

(A) Cassette



(B) Reagent pack



Easy to Use

- Color LCD touch screen
- Voice and video guided test instructions
- Built-in thermal printer
- Data transfer with USB connect



QDx A1c Advance is Suitable Device for Diabetes Monitoring



Increase in operational efficiencies

Better & fast care for under privileged populations

Increased patients satisfaction & motivation

Better Glycemic control

Results correlate with HPLC system

Test Procedure



Insert cassette (A) in one stroke into the analyzer slot with the calibration label facing left.

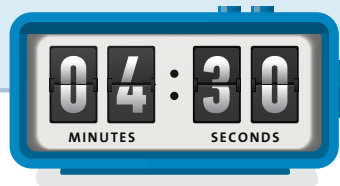


Collect blood sample with reagent pack (B).



Insert the reagent pack (B) into cassette (A). Test starts automatically once the cover is closed.

Test time



Precision Study

Within-Run Precision

IFCC calibrator	Normal	Abnormal
Mean HbA1c%	5.5	8.9
CV (%)	2.4	1.9

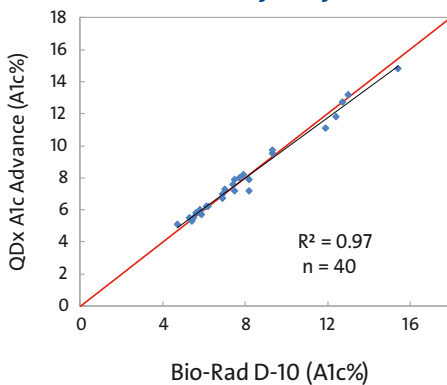
Day-to-Day Precision

IFCC calibrator	Normal	Abnormal
Mean HbA1c%	5.4	9.0
CV (%)	2.6	2.6

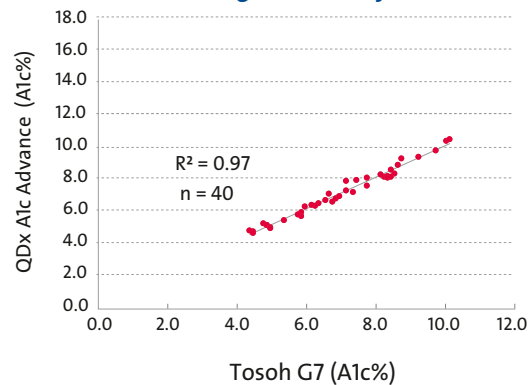
Method Comparison

QDx A1c Advance system shows excellent correlation with Bio-Rad D-10 & Tosoh G7 HPLC system.

Accuracy Analysis

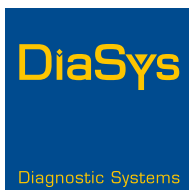


Regression Analysis





Technical Specifications	
Test Principal	Bead Affinity Based Chromatography
Sample Type	Capillary & Anticoagulated Whole Blood
Sample Volume	3.5 µL
Hematocrit	25 - 60%
Test Time	4 minutes 30 seconds
Measurement Range	4.0 - 15.0% (9 - 140mmol/mol)
Operating Condition	Temperature : 17-32 °C
	Humidity : 15-75% R.H
Analyzer Weight	Analyzer : 1.6 Kg
Analyzer Dimensions	205 (W) x 200 (L) x 150 (H) mm
Analyzer Display	3.5 inch, Color Touch LCD
Power	DC 12V – 3.33A
Printer	Inbuilt Printer/External Printer (Optional)
Monitor	Full Color ,Touch Screen
Data Communication	USB
Barcode Reader	Optional



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PT/19/015
 Jul 2019

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