

A1Care™ Analyzer

World First Enzymatic Assay Cartridge

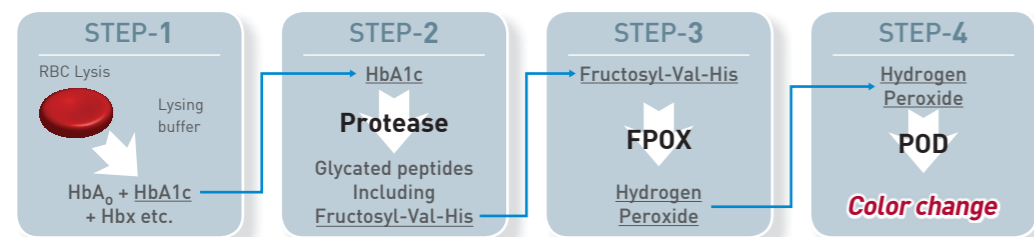
POCT HbA1c Analyzer

Advantages of A1Care™

- » High accuracy & precision based on homogeneous enzymatic reaction
- » No mess - maintenance-free with All-in-one Reagent Cartridge(factory-calibrated)
- » Very easy to use with On-screen step-by-step guide
- » Color touchscreen in local language



Assay Principle



Specifications & Features

Specifications

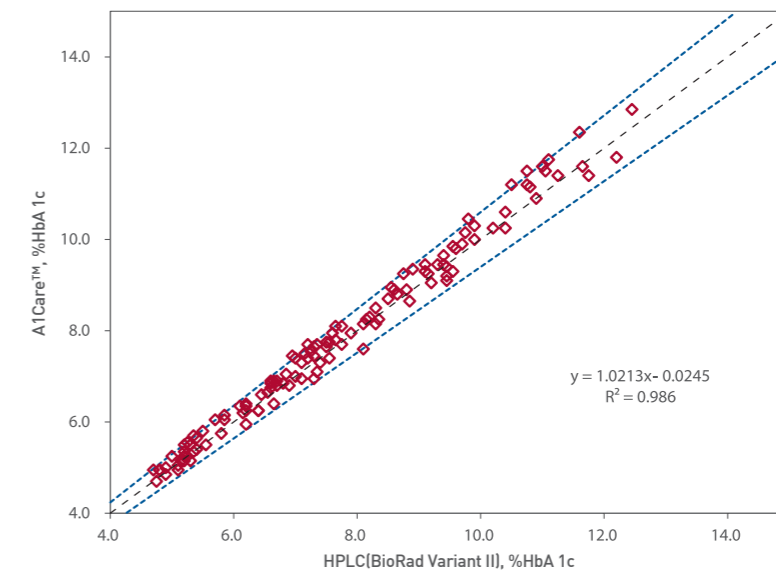
- Cartridge**
 - Sample & Volume: Whole Blood(Venous, Capillary), 2.5 µL
 - Measurement Time: 4 minutes
 - Accuracy: ±6 % of target value(95 % CI)
 - Precision: C.V. 3 %
- Analyzer**
 - Dimension & Weight: 300 X 250 X 150mm; 3.5 kg
 - Operating Temperature: 15-32 °C(59-90 °F)
 - Humidity: 10-90 %
 - OS & UI: Android touchscreen
 - Connectivity: USB
 - Memory: 5,000
- Controller**
 - Control Samples: 5.0 %; 10.0 %

Features

- All-in-One, Self-contained reagent cartridge
- No sample pretreatment
- No end-user calibration of Analyzer or tests required
- Power supply : AC/DC adapter
- DCCT and IFCC Traceable
- User-Friendly Operation
 - Scan - Load - Run - Result
 - On-screen Step-by-Step Guide
 - IFCC Unit Available
- Accessories : Barcode reader & Printer

A1Care™ Analyzer & Cartridge Performance

The performance of A1Care™ HbA1c analyzer and cartridge is evaluated based on the CLSI guidelines : EP09-A3 (method comparison)



Level ID	Value	Difference	95 % CI	Allowable Difference
5.0	5.0	0.08	0.00 to 0.15	0.50
6.5	6.5	0.12	0.06 to 0.18	0.70
8.5	8.5	0.18	0.11 to 0.25	0.70
10.5	10.5	0.24	0.13 to 0.34	0.70
13	13	0.31	0.15 to 0.48	0.70