

A1Care™ Analyzer

POCT HbA1c Analyzer

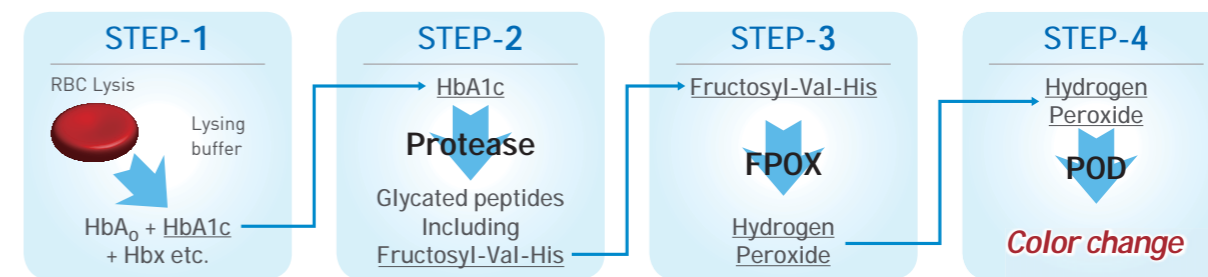
- » Simple & Easy Preparation
- » Fast & Reliable Result
- » High Usability



Specifications

• Cartridge	Sample & volume Measurement time Accuracy Precision	Whole Blood(Venous, Capillary); 2.5 µL 4 minutes 20 seconds ±6 % of target value(95 % CI) C.V. 3 %
• Analyzer	Dimension & weight Operating temperature Humidity Display Memory Interface OS	290 X 250 X 130mm; 3.8 kg 15-32 °C(59-90 °F) 10-90 % 7" touch screen, color LCD 5,000 Sample data USB; Serial(RS232), LAN(R145 Ethernet) Android

Assay Principle



Advantages of A1Care™

Simple & Easy Preparation

- Easy & simple installation
- All-in-one, self-contained reagent cartridge
- Small blood sample size (2.5 µL)
- No sample pretreatment and pipetting required

Fast & Reliable Result

- HbA1c test results within 4 minutes 20 seconds
- All-in-one cartridge to minimize user error
- Internal temperature control system

High Usability

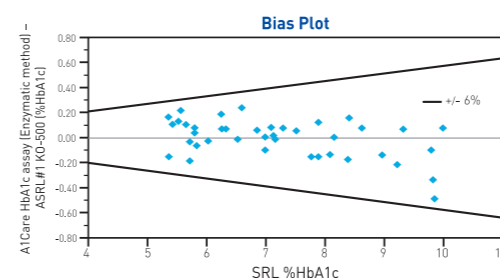
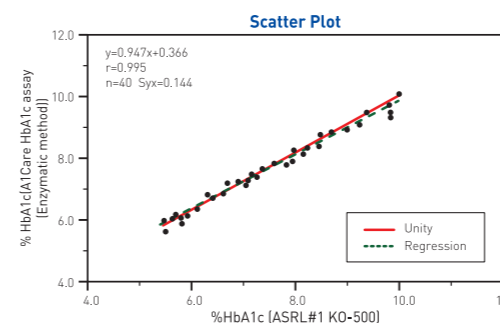
- On-screen step-by-step guide
- Android OS-Useful and easy to use
- Intuitive color touch screen
- External barcode scanner for safer and faster patient ID entry
- No complicated maintenance required due to all-in-one cartridge

Performance

A1Care™ has acquired the NGSP and IFCC certifications with its performance beyond the standards required by the National Glycohemoglobin Standardization Program (NGSP) and International Federation of Clinical Chemistry (IFCC).



NGSP Criteria	37 of 40 results within ± 6%
A1Care™	40 of 40 results within ± 6%



IFCC Issue	Deviation from IFCC target (mmol/mol)	Reproducibility (%)	Linearity
Unacceptable	> 9.9	> 6.99	< 0.9801
Poor	7.0 - 9.9	5.00 - 6.99	0.9801-0.9850
Acceptable	4.0 - 6.9	3.50 - 4.99	0.9851-0.9900
Good	2.0 - 3.9	2.00 - 3.49	0.9901-0.9950
Excellent	0.0 - 1.9	< 2	> 0.9950
A1Care™	0.8 (at 30) 1.2 (at 60) 1.6 (at 90)	1.85	0.9987