



GREENCARE A1c is a fully automated boronate affinity assay for determination of hemoglobin A1c in human whole blood.

GREENCARE A1c provides the most convenient.



RELIABLE
Fast & accurate result CV3%, in 4.5min.



EASY-TO-USE
LCD touch screen
Multi-lingual voice & video guide
Built-in Thermal Printer



SIMPLE TEST STEPS
Single test cartridge containing synthetic materials (Bead, Washing solution)

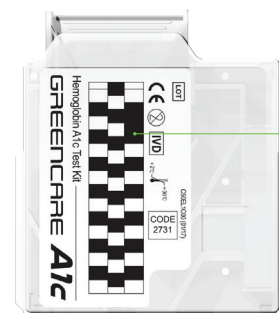


ROOM TEMPERATURE STABLE TEST KIT
• Save freight cost
• Reduce concern for stability due to temp

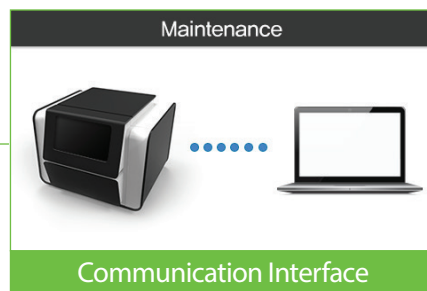
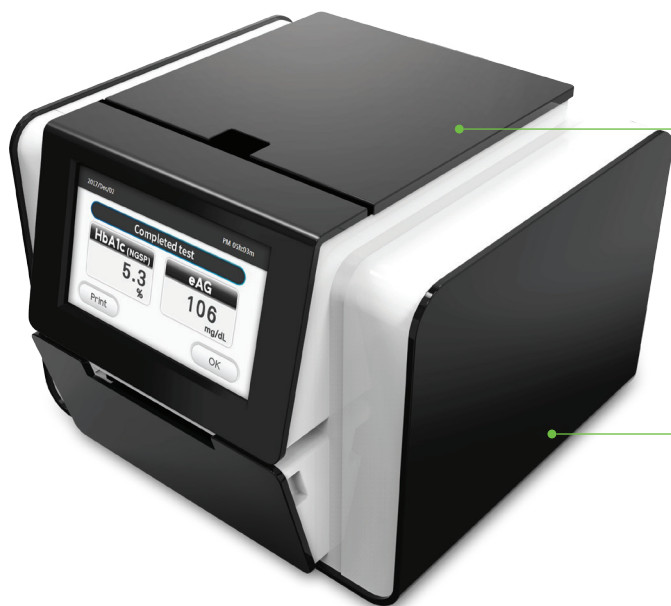
Specification

Model	RT-100	Storage Condition	Analyzer: 10~60 °C, 15~75% R.H. Test kit: 2~30 °C
Operating Type	Full automatic (1-Step)	Shelf life of Test kit	12 months
Measurement Time	4.5 min.	Rated Voltage	12V DC - 3.33 A
Sample Type	Capillary/Venous blood	Weight	1.6 kgs
Sample Volume	3.5 ul	Dimensions	205(W)x200(L)x150(H) mm
Measurement Range	HbA1c 4.0~15.0 % (20~140 mmol/mol)	Additional Function	Full color touch screen
	eAG 68~385 mg/dL (mmol/L)		Internal printer
Operating Condition	Temperature: 17~32 °C		USB port, Ethernet
	Humidity: 15~75% R.H. Air pressure: 860~1,060 hpa	External barcode reader available (optional)	

Hemoglobin A1c Test Kit



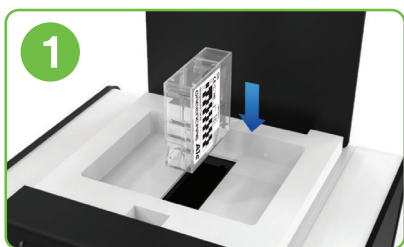
Cassette optical reading area



SIMPLE TEST STEPS

- Easy blood sampling
- No pipetting required

- No sample preparation
- Reduced test errors by operator



GREENCARE A1c Hemoglobin A1c Test Kit

One Step HbA1c measuring system

Within-Run Precision (IFCC sample)
Each of the samples was measured 20 times per each for precision using 2 meters across 3 lots.

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

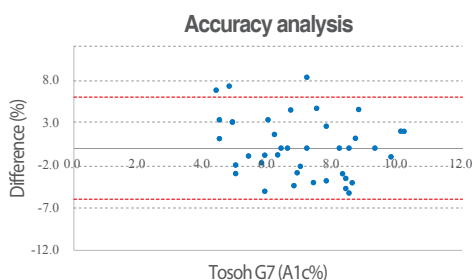
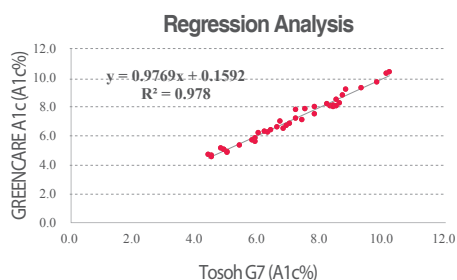
Day-to-day Precision (IFCC sample)
Each of the samples was measured 1 time a day for 20 days using 2 meters across 3 lots.

IFCC calibrator	Normal	Abnormal
Mean HbA1c%	5.4	9.0
CV (%)	2.6	1.9

Accuracy

One Step HbA1c measuring system

The GREENCARE A1c System was evaluated with 40 different samples provided by the NGSP. The results show high accuracy and excellent correlation.



Difference, %	GREENCARE A1c System
within ±3%	50%(20/40)
within ±6%	92.5%(37/40)
within ±10%	100%(40/40)