



GREENCARE *A1c*

One Step HbA1c measuring system



Touch screen



Built-in thermal printer



Audio guide



Communicate with LIS



Best Value for Money POCT in HbA1c

Provides accurate quantitative test results for HbA1c.
NGSP and IFCC certified and CV is less than 3%.

Provides the most convenient solution.
Store and operate the kit at room temperature.

Helps clinician's decision during the patient's visit.



Hemoglobin A1c Test Kit



Automatic recognition of code and expiration date



Store and operate at Room temperature (2 ~ 30°C)

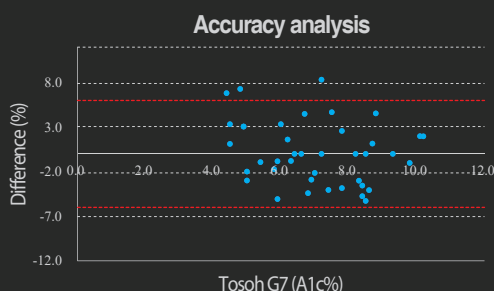
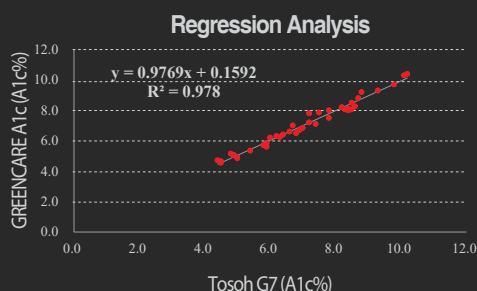
Provides accurate and precise results / Certified NGSP

Accuracy

Model: RT 100

Presents high accuracy and excellent correlation compared with HPLC with 40 different samples provided by NGSP.

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



Difference, %	GRENCARE A1c System
within $\pm 3\%$	50%(20/40)
within $\pm 6\%$	92.5%(37/40)
within $\pm 10\%$	100%(40/40)

Precision

Model: RT 100

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%	5.7	9.3
CV (%)	2.4	1.9

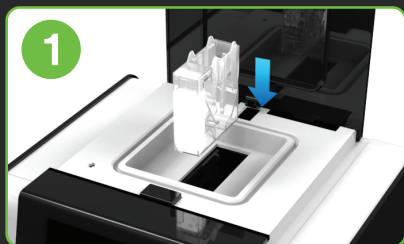
Day-to-day Precision (IFCC sample)

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%	5.7	9.3
CV (%)	2.6	1.9

Simple Operation without preparation

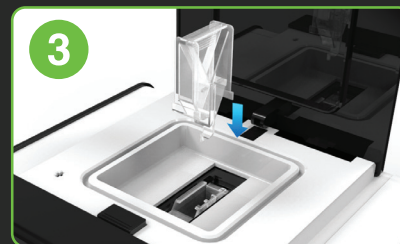
Operating temperature range is between 17 and 32°C. Please turn on the analyzer for 30 minutes before using. It may not operate properly if the temperature is not in the range.



Insert the cassette.



Collect the blood from the reagent pack.



Insert the reagent pack and the result will be appeared in less than 5 minutes.

GRENCARE A1c Specification

GRENCARE A1c Analyzer	
Model	RT-100
Dimension	205(W) × 200(L) × 150(H)mm
Weight	1,600g
Power	100/240VAC 12VDC, 3.33A
Display	4.3" LCD Resolution(480 X 272 pixel)
Memory	400 tests
Printer	Internal thermal printer
Additional function	USB x2, Ethernet, LIS connected External barcode reader available
Operating condition	Temperature : 17 ~ 32°C / Humidity : 15 ~ 75%
Storage condition	Temperature : -10 ~ 60°C / Humidity : 15 ~ 75%

GRENCARE A1c Hemoglobin A1c Test Kit	
Measurement item	Hemoglobin A1c
Principal	Boronate affinity chromatography
Accuracy	Within $\pm 6\%$ 92.5%
Precision	< 3% CV
Measurement Range	4.0 ~ 15.0% / 20 ~ 140 mmol/mol
Sample type	Capillary whole blood Venous blood with anticoagulant (EDTA, Heparin)
Sample Volume	3.5 μ l
Measuring time	Less than 5 minutes
Storage condition	2 ~ 30°C
Expiration date	18 months from manufacture



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Made in Korea