



UKGH - 310

Automatic HPLC HbA1c Analyzer

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Specifications

Performance evaluation

- Accuracy: When normal reference materials and abnormal reference materials were used as samples for detection respectively, the relative deviation of the analyzer's measurement results was within $\pm 2\%$.
- Repeatability: For samples with a test concentration of 4.0% to 6.5% (20.2mmol/mol to 47.5mmol/mol), the coefficient of variation CV of the analyzer's repeated measurement results is $\leq 1.7\%$.
- The carried contamination rate: The carried contamination rate of the analyzer is $\leq 0.6\%$.
- Stability: After the startup is stable, the relative deviation of the test results of the same normal sample within 8 hours does not exceed $\pm 1.8\%$.

Analyzer Function

Abnormal condition alarm function
Automatic correction function
Reference potential detection function
Automatic cleaning function
Complete quality control function
Automatic data processing function
Sample recognition function
LIS connection function
Batch continuous injection function
Original tube puncture sampling function
The built-in thermal printer
Touch screen is easy to operate

Technical Parameter

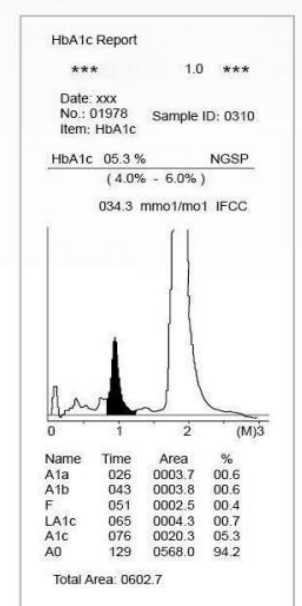
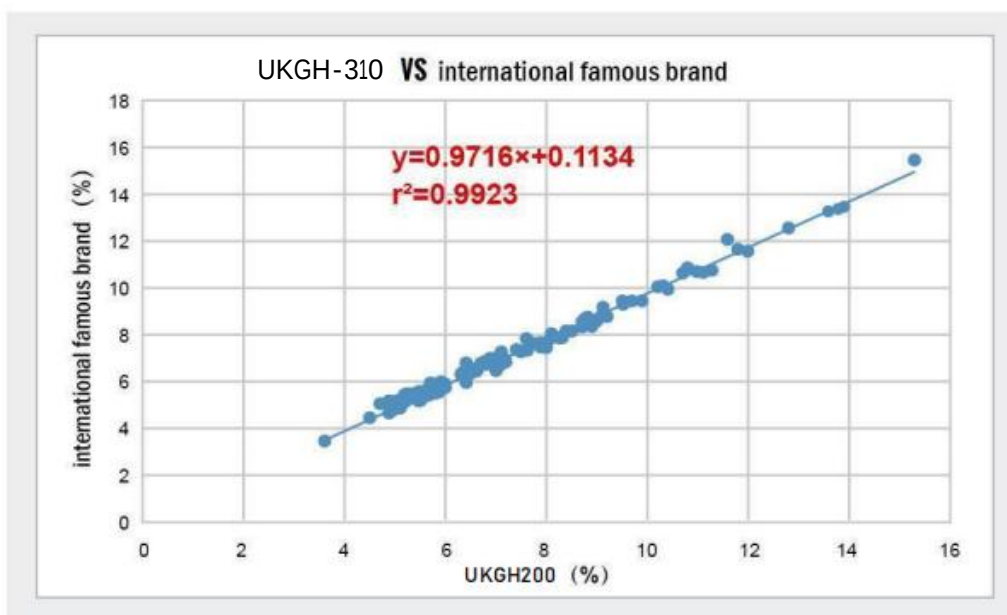
Test item: High performance liquid chromatography (HPLC)
Linear range: 3%-18%
Sample types: Whole blood/diluted blood
Test Modes: Normal / Variant / Thalassemia Mode
Sample: 5 μ l
Sample positions: 10 samples
Analysis: HbA1c (Normal / Variant Mode)
HbA1c, HbF, HbA2 (Thalassemia Mode)
Analysis time: 120s: Normal Mode
180: Variant Mode
360s: Thalassemia Mode
Rated power: 200VA
Weight: 28kg
Volume: 300mm $\times$ 480mm $\times$ 500mm

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Independently developed supporting reagents, with excellent quality and perfect quality control

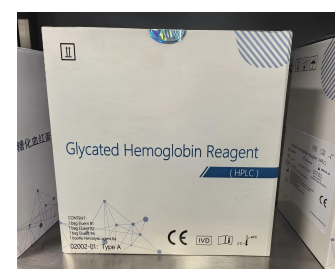
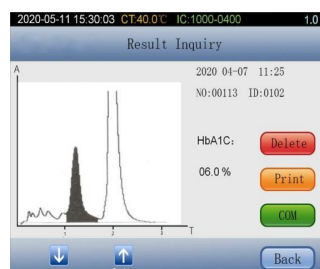
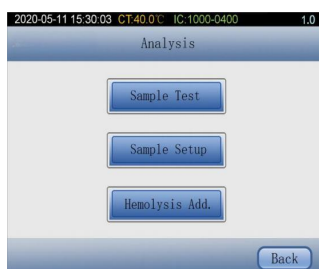
- ★ Eluents for glycated hemoglobin analysis (high performance liquid chromatography): Eluent R1, eluent R2, eluent R3
- ★ Glycated hemoglobin hemolytic agent (high performance liquid chromatography): Hemolytic agent
- ★ Correlation: UKGH-310 vs international famous brands, the correlation coefficient $r > 0.9900$



Three
models

3 mins
Only

One
type
reagent



Better Healthy Better Life

[http: //www.ukinbio.com](http://www.ukinbio.com)

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