BioLAB

PRODUCT CATALOG



GLYCOHEMOGLOBIN ANALYZER

CE ISO9001 CERTIFIED

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GLYCOHEMOGLOBIN ANALYZER BEM-41101

AUTOMATED GLYCOHEMOGLOBIN ANALYZER



1. Fast
The first test takes 2 minutes.
1 Min/Test (60 tests/Hour).
Carousel sampler loading or puncture aspiration.
2. Precise
Ion exchange chromatography / Three elution buffers.
Report on both NGSP and IFCC results.
3. Stable
Correlativity.
4. Easy
One key operation, smart settings.
Automatically sampling, hemolyzing and mixing.

SPECIFICATIONS

Model	BEM-41101
Measurement Principle	Ion-exchange HPLC
Test Mode	Standard mode/Variant mode
Throughput	Standard mode: 60s/test; Variant mode: 96s/test
Items	Standard mode: FP, A1A, A1B, F, LA1C+, SA1C, A0
Measurement Range	HbA1c: 3%-20%
Repeatability	CV≤1.0%
Sample Type	Whole blood and diluted blood
Sample Volume	Whole blood: 3μL, diluted blood: 4μL
Sample Management	LIS loading, barcode scanning
Sample Position	20 samples (2 carousal sampler, each carousal sampler can load 20 samples)
Sampling Method	Carousel sampler loading, puncture aspiration
Result Report Form	Graphic report: both chromatogram and test result
HbA1c Report Form	In both graphic and value report with IFCC (mmol/mol) and NGSP (%) results
Consumable	Elution buffer, hemolysis & wash solution, column, filter, calibrator, control
Reagent Management	RFID scanning, automatically loading info of lot, expiry date and remains, etc.
Operation Interface	8 inches touch screen
Storage Capacity	100,000 results. Available for statistics, online queries, data backup, data export
Export & Communication	Bi-directional LIS, USB port, Ethernet interface, Built-in thermal printer
Maintenance	Automatic maintenance in startup and off, alarm and error indication, daily maintenance reminder & guidance
Power Supply	AC100-240V, 50/60Hz
Product Size (WxDxH)	306x466x435 mm
Net Weight	20 kg
Packing Size (WxDxH)	560x460x700 mm
Gross Weight	28 kg
Alt Name	Automated Glycohemoglobin Analyzer

FEATURES

1. Fast
The first test takes 2 minutes.
1 Min/Test (60 tests/Hour).
Carousel sampler loading or puncture aspiration.

2. Precise
Ion exchange chromatography / Three elution buffers.
Report on both NGSP and IFCC results.

3. Stable
Correlativity.

4. Easy
One key operation, smart settings.
Automatically sampling, hemolyzing and mixing.
Applying in whole blood and diluted blood.
RFID scanner, management for reagent lot No., expiry date, and residue check.
LIS bi-directional transmission with reports in both diagram and text.

MORE INFO

Reagent	Qty	Specification
Eluent 1	1 Bottle	800ml/Bottle, room temperature
Eluent 2	1 Bottle	800ml/Bottle, room temperature
Eluent 3/4	1 Bottle	800ml/Bottle, room temperature
Hemolysis&Wash Solution	1 Bottle	2000ml/Bottle, room temperature
Chromatography Column	1 Piece	1 Column/Kit, 4~15°C
Filter	1 Piece	600 Tests/Change, room temperature
Calibrator	1 Kit	1 VialLevel 1+1 VialLevel 2; 4mL/Vial, 2~8°C
Quality Control	1 Kit	1 Vial*Level 1+1 Vial * Level 2; 0.5mL/Vial, 2~8°C

GLYCOHEMOGLOBIN ANALYZER BEM-41201

AUTOMATED GLYCOHEMOGLOBIN ANALYZER



1.Fast
First test takes 2 minutes
1 Min/Test (60 tests/Hour)
Rotated sample rack loader
2.Precise
Ion exchange chromatography / Three elution buffers
Report in both NGSP and IFCC results
3.Stable
4.Easy
One key operation, smart settings
Automatically sampling, hemolyzing and mixing
Applying in whole blood and diluted blood

SPECIFICATIONS

Model	BEM-41201
Measurement Principle	Ion-exchange HPLC
Test Mode	Standard mode/Variant mode
Throughput	Standard mode: 60s/test; Variant mode: 96s/test
Items	Standard mode: FP, A1A, A1B, F, LA1C+, SA1C, A0
Measurement Range	HbA1c: 3%~20%
Repeatability	CV≤1.0%
Sample Type	Whole blood and diluted blood
Sample Management	LIS loading, barcode scanning
Sample Loading Capacity	10 samples/rack*9 racks. Continuous circulating rack sampling system
STAT	STAT priority
HbA1c Report Form	In both graphic and value report with IFCC(mmol/mol) and NGSP(%) results
Consumable	Elution buffer, hemolysis & wash solution, column, filter, calibrator, control
Reagent Management	RFID scanning, automatically loading info of lot, expiry date and remains, etc.
Operation Interface	English operation software, HDMI touch screen
User Management	Authorization set for different levels
Data Storage	100,000 results. Available for statistics, online queries, data backup, data export
Export&Communication	RS-232 (Bi-directional). Built-in thermal printer
Maintenance	Automatic maintenance in startup and off, alarm and error indication, daily maintenance reminder & guidance
Power Supply	AC100~240V, 50/60Hz
Product Size(WDH)	560590490mm
Net Weight	45kg
Packing Size(WDH)	6001100600mm
Gross Weight	58kg
Alt Name	Automated Glycohemoglobin Analyzer

FEATURES

1.Fast
First test takes 2 minutes
1 Min/Test (60 tests/Hour)
Rotated sample rack loader

2.Precise
Ion exchange chromatography / Three elution buffers
Report in both NGSP and IFCC results

3.Stable
4.Easy
One key operation, smart settings
Automatically sampling, hemolyzing and mixing
Applying in whole blood and diluted blood
Mixing loading for primary tubes and micro-cup
RFID scanner, management for reagent lot No., expiry date, and residue check
LIS bi-directional transmission with reports in both diagram and text



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