

H9 Hemoglobin Analyzer (HPLC)

Specifications

Methodology	High-Performance Liquid Chromatography (HPLC)
Test Modes	Fast Mode, Variant Mode, β -thalassemia Mode
Test Range	3% - 18%
Precision	CV \leq 1%
First Sample Result	2.4 Mins
Test Speed	1.2 Mins/sample for Fast Mode, 1.6 Mins/sample for Variant Mode
Sample Type	Venous Blood, Finger Peripheral Blood, Lyophilized Whole Blood
Sample Volume	5ul, Peripheral Blood, 3ul (1000 Dilution Rate)
Auto Sample Station	110 Positions+1 Stat Position
Photometer	415nm+500nm LED, 20000 Hours Life Span
Chromatography Column	Available Tests \geq 1600T
Filter	\geq 400T
Display	8" TFT True Color LCD Touch Screen
Software	Embedded System with Self-Diagnosis to Monitor and Detect System Errors
Reagent Kit	Eluent A, Eluent B, Eluent C, Hemolysin, Calibrator, QC Material
Information Input	Scanner or Touch Keypad
Storage	4000 Sample Results
Connection	Rs232, USB, LIS Compatible
Printer	Thermal Printer
Operation Temperature	12~35°C (53~95°F)
Humidity	10~70%
Power	AC 100-240V 50/60HZ 150VA
Dimensions	580mm \times 500mm \times 520mm (22.8" H \times 19.7" W \times 20.5" D)
Weight	50kg (110lbs)
Barcode Scanner	Built-in Automatic Scanner

Imported and marketed by:

Allied Biotechnology India Pvt. Ltd

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Malikarjuna Nagar, Malkajgiri, Hyderabad-500047 India

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Lifotronic Technology Co., Ltd.

Address: 4th Floor, Building 15, 1008 Songbai Road, Nanshan District, Shenzhen, 518055, China

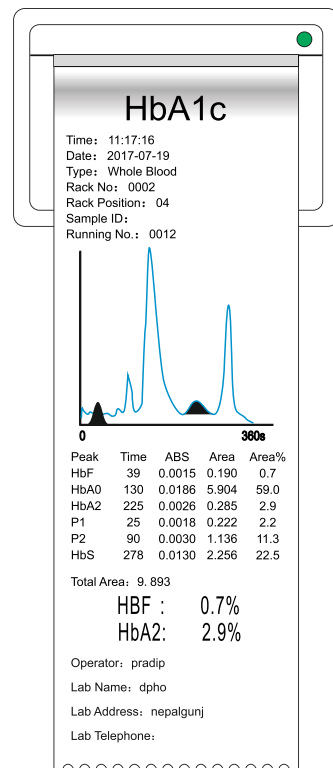
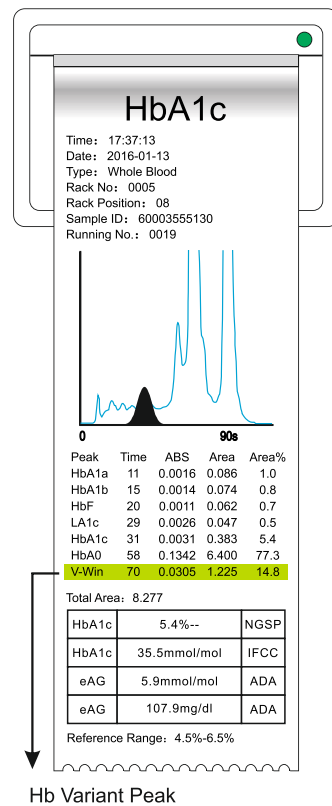
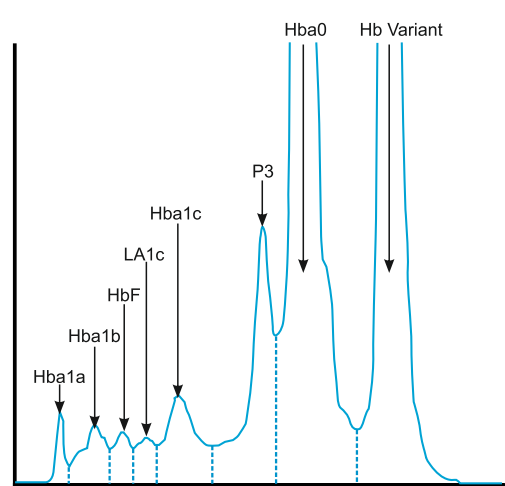
Tel: 86-755-29060197 Fax: 86-755-29060036 E-mail: inter-marketing@lifotronic.com



H9
HPLC



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The fully automated Lifotronic H9 Hemoglobin Analyzer offers the fastest available throughput of HbA1c results in just 1.2 minutes, with Hb variant detection, providing the outstanding solution for quick and reliable diabetic monitoring. Patients with hemoglobin variants can be in depth analyzed by simple mode change to β -thalassemia program.



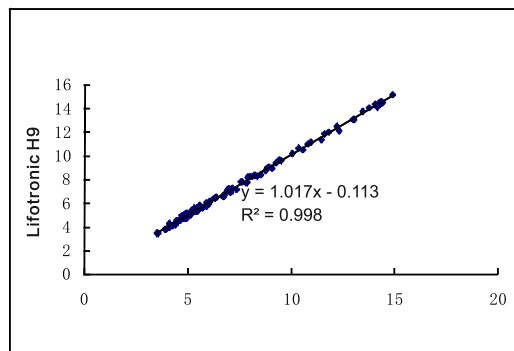
Gold Standard of Diabetes Diagnose

- Glycosylated hemoglobin (HbA1c) is widely recognized as a Gold Standard to monitor diabetes, which can indicate the average plasma glucose concentration over 8~12 weeks.

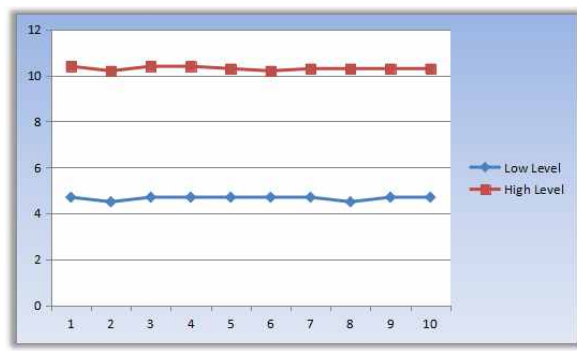


HPLC Methodology

- High-Performance Liquid Chromatography (HPLC), to separate HbA1c directly with measuring the absorbance points continually to form chromatogram. Using normal distribution curve fitting auto-iterative algorithm to get precise HbA1c testing result, excluding interference of variant and unstable hemoglobin like HbF. Standard Analysis Mode will report HbA1a, HbA1b, HbF, HbA1c, P3, HbA0 peak areas and ratio. And the result also includes IFCC, NGSP and eAG value for diverse client needs.



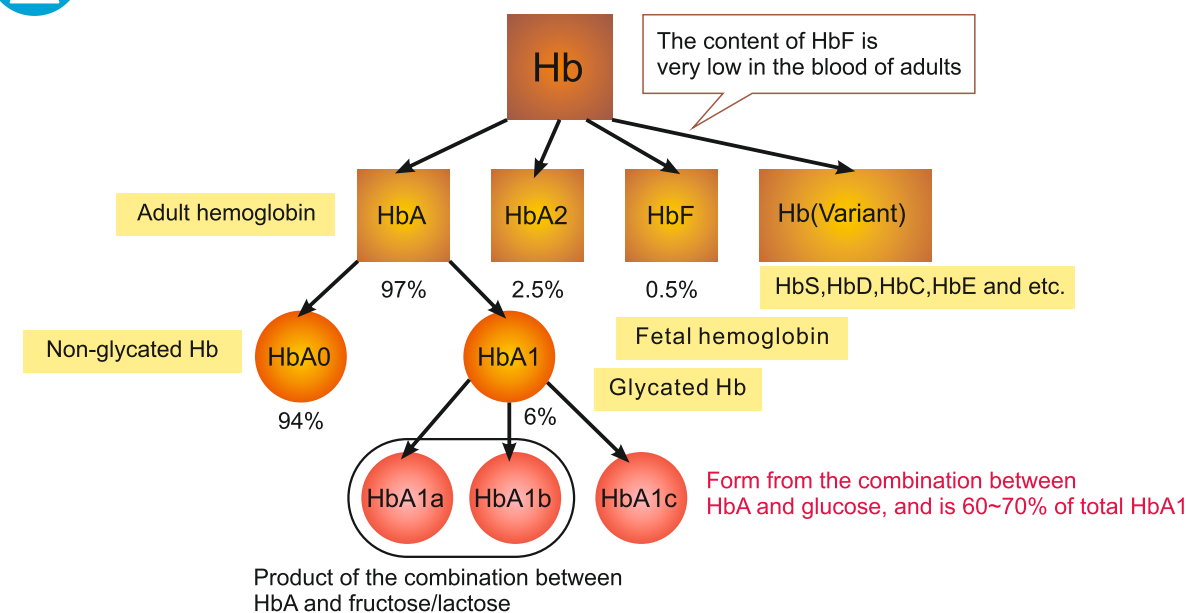
Correlation between H9 and a famous HPLC method



Precision Study



The Elements of Hemoglobin



HPLC Technology - Gold Standard Methodology

- Anchored to the Diabetes Control and Complication Trial (DCCT) reference study
- NGSP and IFCC certified

Fast - To Ensure Your Workload is Processed Promptly

- HbA1c results in 1.2 minutes

Fully Automated - To Minimize Operation Hassles

- Automated Piercing
- Fully Automated Start-up, Maintenance and Shutdown
- Internal Auto Barcode Scanner for Sample identification



Precise and Reliable - To Serve You Consistently

- HbA1c Inter & Intra Measuring CV's $\leq 1\%$ to Enable Exceptional Result Management
- Superior Quality Chromatographic Resolution to Minimize Interferences

User Friendly - To Avoid Operator Error

- 8" TFT Touch Screen LCD with Vivid Color
- Easy to Understand and Pellucid Software
- Only one type of sample rack required for all different tubes
- Weight Sensor to Monitor Reagent Residue for Timely Reminder

Flexible - To Satisfy Diverse Laboratory's Needs

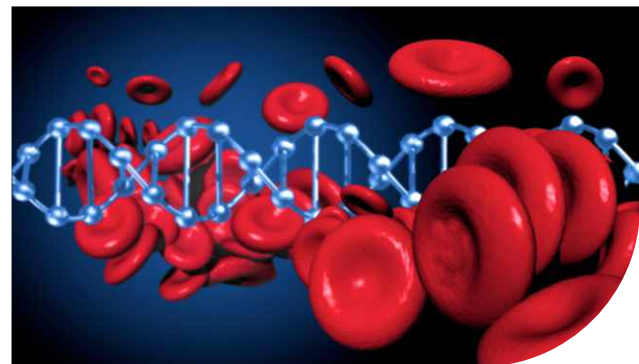
- Different sample tubes can be loaded in any order in any rack
- A 110 Sample Loader Available for Laboratory Automation
- Highly customizable remarks to meet your needs
- External Laser Printer for Direct Patient Result

Complex System Functions - For Easy Integration

- USB, USB and RS232 ports offer flexible connectivity for LIS/HIS systems
- STAT Position for Emergency Assay

Compact Size - To Minimize Space Requirements

- Small Footprint Reduces Bench Space Needed



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www.alliedbiotech.co.in

