

## SPECIFICATIONS

Method	High Performance Liquid Chromatography(HPLC)
Test Mode	Fast Mode, Variant Mode
Parameters	Fast Mode: HbA1c, HbF Variant Mode: HbA1c, HbF, HbA2, HbS, HbC, HbD, HbE
Test Speed	Fast Mode: 90 Seconds/Test Variant Mode: 150 Seconds/Test
First Sample Results	4 Minutes
Wavelength	420nm
Sample Type	Whole Blood, Pre-diluted blood
Autoloader Capacity	20 Tubes
Reagents Kit	Eluent A, Eluen B, Eluen C (Variant Mode), Hemolysis Chromatography Column, Control, Calibrator
Precision	CV≤1.5%
Column Capacity	3000 Tests
Filter	600 Tests
Storage	5000 Sample Results
Report Range	3-18%
Working Condition	Temperature: 10-30°C, Humidity: ≤80%
Power	AC, 100-240V, 50/60Hz, 300VA
Dimensions	378mm×380mm×510mm



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*Most Cost-effective!*

# LD-562

## Fully HPLC Hemoglobin Electrophoresis





HPLC System  
 For HbA1c Testing  
 With Efficiency



# LD-562

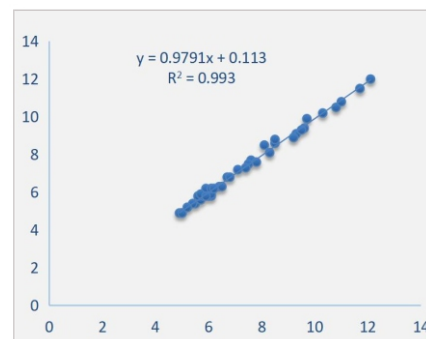


## HPLC golden standard

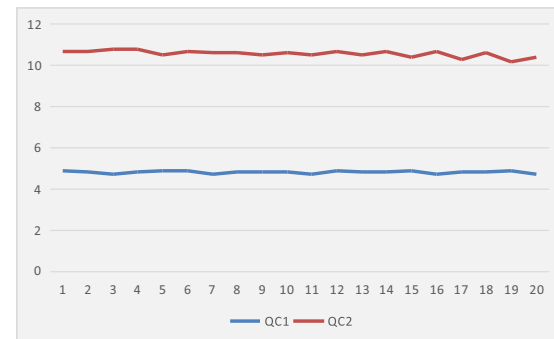
-  High Efficiency
-  High Resolution
-  High Sensitivity
-  Excluding interference of variant and unstable hemoglobins

The fully automated HbA1c analyzer LD-562, uses the high performance liquid chromatography (HPLC) method, a gold standard that reports the fastest available throughput of HbA1c results in just 90 seconds, with Hb variant detection, providing the outstanding solution for quick and reliable diabetic monitoring.

## Performance Data



Correlation between LD-562 and Bio-Rad D-10



Precision Study



## Full Automation

- Autoloader for 20 Tubes
- Automatic scanning of barcode
- Primary tube sampling with cap piercing



## Fast & Accurate

- HPLC method for HbA1c testing
- CV≤1.5%
- Up to 40 samples/hour
- Testing Mode: Fast Mode, Variant Mode



## Convenient Operation

- 10" LCD touch screen to provide rich information
- Auto washing for self maintenance at startup
- One click to start testing
- Easy to change reagents



## Quality & Performance

- IFCC and NGSP certification
- Control and Calibrator from original manufacturer
- Reagent kit: Eluent A, Eluent B, Eluent C, Column, Control, Calibrator

## Highly Accurate Measurements

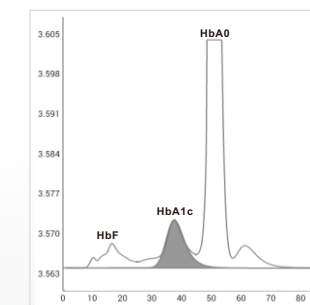
LD-562

Detection time: 2022-05-12 00:12:35  
 Sample type: Whole blood  
 Sample number: 0006  
 Sample Barcode:

HbA1c:	39.9	mmol/mol (IFCC)
HbA1c:	5.8	% (NGSP)
HbF:	0.3	% (NGSP)
HbA1:	8.2	% (NGSP)
eAG:	4.6	mmol/L

	Time	Area	%
HbA1a	10.2	0.0	0.3
HbA1b	16.5	0.3	2.1
HbF	31.5	0.0	0.3
La1c	32.5	0.1	0.3
Sa1c	37.5	0.7	5.8
HbA0	49.8	13.2	89.2

Total Area 14.6



LD-562

Detection time: 2022-05-25 00:38:13  
 Sample type: Whole blood  
 Sample number: 0006  
 Sample barcode:

HbA1c:	24.6	mmol/mol (IFCC)
HbA1c:	4.4	% (NGSP)
HbF:	5.9	% (NGSP)
HbA1:	6.9	% (NGSP)
P3:	4.0	% (NGSP)
HbA2:	4.0	% (NGSP)
HbS:	13.2	% (NGSP)
HbD:	0.0	% (NGSP)
HbE:	0.0	% (NGSP)
eAG:	2.6	% (NGSP)

	Time	Area	%
HbA1a	14.5	0.1	0.9
HbA1b	17.5	0.2	1.6
Hbf	29.1	0.8	5.9
La1c	31.6	0.1	0.9
Sa1c	38.0	0.5	4.4
P3	63.3	0.6	4.0
HbA0	69.8	9.3	60.2
HbA2	88.8	0.6	4.0
HbS	115.8	2.0	13.2

Total Area 15.2

