Technical Specifications

Item	Specification
Methodology	High Performance Liquid Chromatography (HPLC)
Analytes	HbA1c, HbF, HbA1a, HbA1b, LA1c, HbA0, HbC, HbD, HbE, HbS, HbA2
Measuring Range (NGSP)	3.0% — 20.0%
Precision	CV ⩽ 1%
Loading Capacity	10 Samples
Throughput	Standard: 60 s/test · Variant: 96 s/test · Thalassemia: 360 s/test
Sample Type	Venous blood, finger peripheral blood, lyophilized whole blood
Reagents	Eluent 1, Eluent 2, Eluent 3, Hemolysis Reagent, Calibrator, QC Material
Display	10.4″ touch screen
Data Storage	100,000 sample results with chromatograms
Result Output	External printer, internal thermal printer, LIS, USB
Temperature	10 — 30 °C (50 — 86 °F)
Humidity	⩽ 80%
Power Supply	AC 100—240 V, 50/60 Hz, 120 VA
Dimensions	575 (L) × 350 (W) × 545 (H) mm
Weight	35 kg



About Truth

Truth Biotech was founded in 2019, focusing on R&D, manufacturing, sales and service of in vitro diagnostic (IVD) products, specializes in HbA1c HPLC products. Truth Biotech headquartered in Shenzhen city and manufacturer in Jiaxing, Zhejiang Province, China .

As a original manufacturer, Truth Biotech Has been working for OEM, ODM project for leading company in China, Its business covers all provinces in China and some regions in Global.

TRUTH BIOTECHNOLOGY CO., LTD

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Manufacturer: 4/F, building No. 16, Lane 442, Linzhong road, 1, Lindai tower,pinghu city, jiangxin city, zhejiang province, P.R.China

Scan for more information

唯真 TRUTH

Truth-H60 (HPLC) Glycated Hemoglobin (HbA1c) Analyzer

Precise | Compact | Hb-Variant Detection



Glycosylated hemoglobin(HbA1c)is widely recognized as a Gold Standard to monitor diabetes, which can indicate the average plasma glucose concentration over8~12weeks.

Compact and Easy operation

Compact Design
- Bench Top analyzer
- Size 575(L) mm X 350(W) mm X 545(H) m with 35 KG

High Efficiency
- 10 samples in a rack
- The first result comes in 60S
- instrument maintenance with one click

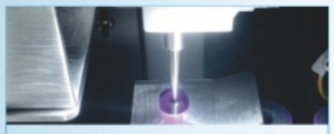
Outstanding Flexibility
- Multi functional Model Standard/Variant/ Thalassemia
- RFID card for consumables management
- Realtime abnormal condition selfdiagnosis & automatic recovery for occasional faults
- Consumables easy to replaced

High automation
- Automatic identification of sample tube
- Automatic calibration and QC process
- Support bi-Direction LIS

Accurate result
- Advanced HPLC Gold Standard Methodology
- NGSP and IFCC Certified
- High performance chromatographic column
- High correlation with pioneer model, CV less than 1%,



Simple and easy-to-use interface with 10.4 ' touch screening

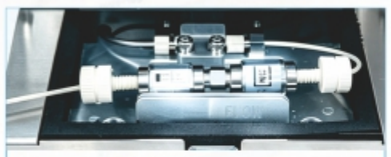


Primary Tube Sampling with Cap Piercing, Optional blockage detection module available.





Automatic sampling identification, automatic calibration and QC



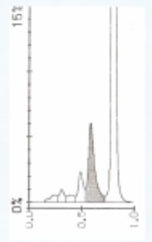
chromatographic column replaced within 30s

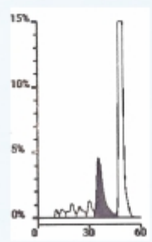


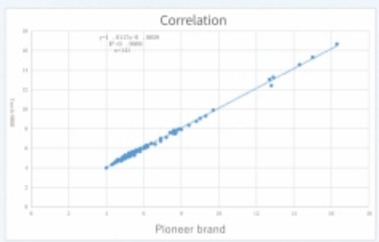
10 samples can be loaded at a time

Precise and Reliable

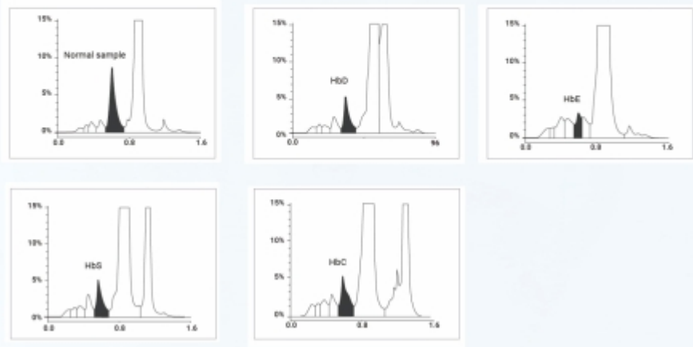
High correlation with pioneer HPLC platform , CV less than 1%,
(China's only manufacturer whose reagents and chromatography column are compatible with well-known brand instruments)

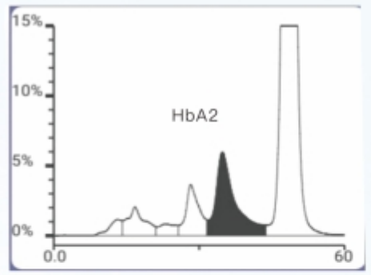






Superior Quality Chromatographic Resolution and Wavelength Detection to Eliminate Interferences, Degasser make Result Accuracy





ISO 13485:2016 NGSP IFCC CE SGS NMPA