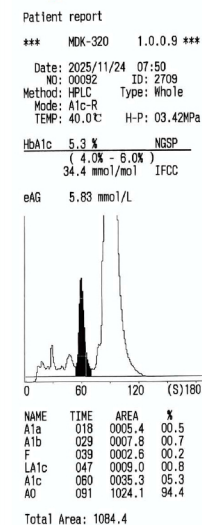


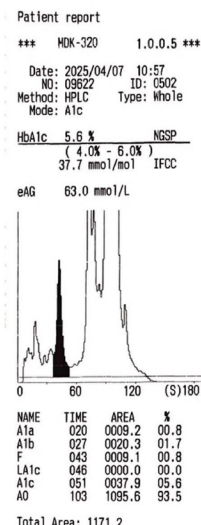
Technical Specifications

Methodology High Pressure Ion-exchange Liquid Chromatography(HPLC)			
Instrument	Fully-Auto Glycated Hemoglobin HbA1c Analyzer	Input	Built-in Barcode Scanner or Touch Keyboard
Sample Type	Venous Blood, Finger Peripheral Blood, or Hemolyse Blood	Display	10.4" TFT Colorful LCD Touch Screen
Sample Voume	5ul Whole Blood, or Lyse Blood (Ratio 5ul: 1500 ul)	Storage	50,000 Test Results or 7,500 Results with Curves
Sample	18 Positions, Available for Primary Tube and Sample Cups	Reagents Kit	Buffer A, Buffer B Buffer C (Variant Mode), Hemolysis Chromatography Column, Control, Calibrator
Test Mode & Speed	Fast mode: 90 Secs/Test Variant mode: 120 Secs/Test β -Thalassemia(A2/F) Mode: 300 Secs/Test	Printer	Thermal Printer or External Printer
Measurement Range	HbA1c: 3-25%, HbF: 0.3-45%, HbA2: 0-15%	Data Transfer	USB port, Support LIS/HIS, Independent PC Software
Precision	CV $\leq$ 2%	Work Condition	Temperature 5~38 $^{\circ}$ C, Humidity 30%~70%
Parameter	NGSP, IFCC Result HbA1a, A1b HbF, LA1c, A1c(stable A1c), A0, HbA2, Hb variants(S, C, D, E, J...)	Power Supply	110v-220v, 50-60hz
Photometer	415nm LED, 20000 hours life span	Dimension	310mm*470mm*500mm
Column Capacity	4000 tests, Up to 10,000 tests	Weight	20kgs
Pre-sieve	500 tests		

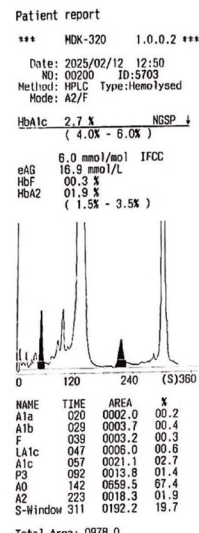
High Accurate Measurement



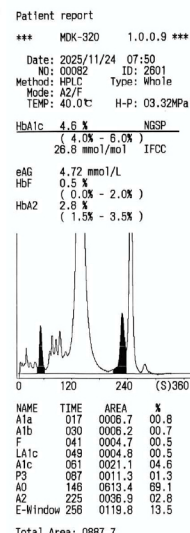
HbA1c Fast mode



HbA1c Standard mode



HbA2/F mode for Thalassemia



VX-Hb750

Glycated Hemoglobin (HbA1c) Analyzer

Easy-operation | Precise | High-quality



Key Features:

- International Diabetes Gold Standard
- Key Column&buffers for all mode testing
- High efficiency for HbA1c/Thalassaemia
- Hb Variant detection of Thalassemia

Address: Office No. 1702, Iris Bay Tower, Business Bay, Dubai
Contact No: +971 507917317 / +971 4 266 3030 / +971 4 266 3031 / (04) 266 3031
Email: sales@vaxpert.net
Website: vaxpert.net



Easy Operation

Automatic Identification of Sample Type

- Whole blood: 5uL
- Loading 1 sample at a time, can be continuous loading

User Friendly

- Built-in Barcode Scanner for Sample Identification
- Automatic Cap Piercing

Flexible Software

- Customized Laboratory Report
- PC software with Curve for official Report

Free Maintenance

- Online Alarm message for Buffer insufficient

Same Reagent Three Test Modes

- No additional reagents are required to switch variant test modes
- Hb-Varian detection: HbD, HbS, HbC, HbE, HbJ, etc

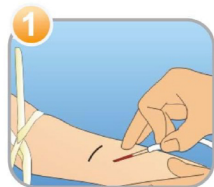
Great accuracy and excellent precision

Gold standard: Ion-Exchange HPLC methodology
Good intra-assay and inter-assay repeatability

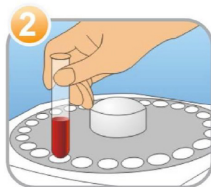
CV≤2%

One Step Operation

No pretreatment, hemolysin added and result printed automatically



Take Blood Sample



Place on Sample Disc



Test and Print out the Results

High standards for quality results

Global Standard

- The VX-hb750 Glycated Hemoglobin Analyzer is widely recognized as a Gold Standard to monitor diabetes, which can indicate the average plasma glucose concentration over 8~12 weeks.



NGSP&IFCC Traceable Results

- NGSP & IFCC unit Results
- Lyophilized calibrators and quality control materials allow for long shelf life and easy transportation



Technology Assurance

- High stability pump to ensure the Hemoglobin separation ensure a constant liquid velocity that gives high precision result
- High-precision LED detector can detect sample absorbance with high resolution and accuracy

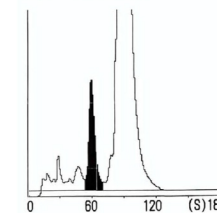


Precision

	Within-run(n=20)		Inter-run(n=20)	
	Low	High	Low	High
Mean	5.54	10.74	5.60	10.66
SD	0.06	0.07	0.10	0.12
CV(%)	1.08	0.65	1.79	1.13

Sample chromatogram

Patient report
*** MDK-320 1.0.0.9 ***
Date: 2025/11/24 07:50
NO: 00092 ID: 2709
Method: HPLC Type: Whole
Mode: A1c-R H-P: 03.42MPa
TEMP: 40.0°C
HbA1c 5.3 % NGSP
(4.0% - 6.0%)
34.4 mmol/mol IFCC
eAG 5.83 mmol/L



NAME	TIME	AREA	%
A1a	018	0005.4	00.5
A1b	029	0007.8	00.7
F	039	0002.6	00.2
LA1c	047	0009.0	00.8
A1c	060	0035.3	05.3
AO	091	1024.1	94.4

Total Area: 1084.4

Comparative test

