



TECHNICAL SPECIFICATIONS


Sample Handling	
Sampler Handler	10 Position Rack Loader Positive identification by internal barcode reader Cap piercing: Optional*
Instrument Rack Capacity	1 Rack - 10 Samples per run
Sample type	Whole blood on EDTA K3 or K2 anticoagulant Haemolysate from EDTA whole blood samples
Time for Analysis	Throughput approximately 3.5 minutes between samples
Interferences	Complete removal (not separation) of labile up to 10%
Tube Types Accepted	13 x 75 mm 13 x 100 mm Microcapillary Tubes (Microvette® Sartstedt) Microcapillary Tubes (brands other than Sarstedt) defined as sample vials 1.5 ml Sample Vials
Sampling System	Sample Aspiration Probe coupled with a high precision, maintenance free 1000µl syringe
Sample Aspiration Volume	14.3µl in Whole blood mode, 670µl in lysate
Hardware	
Pump	2 high pressure syringe pumps
Detector type	UV-Vis
Reagent traceability	RFID
Printer	Built-in thermal printer with possibility to connect to external printer
Display	Resistive color touch screen -8.4 inches
Electrical	
Power Input Requirements	90-264V AC
Power Consumption	150W
Data Connections	
Bidirectional	Serial Port (RS 232) or Ethernet
External Devices	5 USB ports
Dimensions	
Instrument Dimensions (mm)	369 (W) x 565 (D) x 444 (H)
Instrument Weight	23 Kg
Operating Environment	
Altitude	< 2000m
Temperature	17-32°C
Humidity	10-90% (non condensing)

Cat. No.	Product	Qty
INS500055	Hb-Vario Analyzer 110/220V with accessories	1 Unit
REG00038	Hb-Vario Kit	200 Tests
REG00039	Hb-Vario HbA1c Calibrator Set CM	For 200 Tests
REG00041	HbA1c Control Set Bi-level 2 each of 2 levels	4 x 0.5 ml

Specifications subject to change without prior notice.

 Hb-Vario : Fully Automated HbA1c analyzer

 In-Vitro Diagnostic Medical Device for use by health and research professionals

 Carefully read the instructions in the system's user manual (s) and the labeling and / or instructions for use of reagents

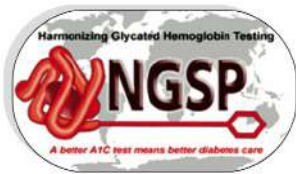
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Hb-Vario

for HbA1c testing



Free from Labile and HbF interference
HbA1c Results with HbA2/HbF flagging



IBD/Hb-Vario/ver v4/01 Date: 08/06/2016

Hb-Vario

Automated Hemoglobin testing system

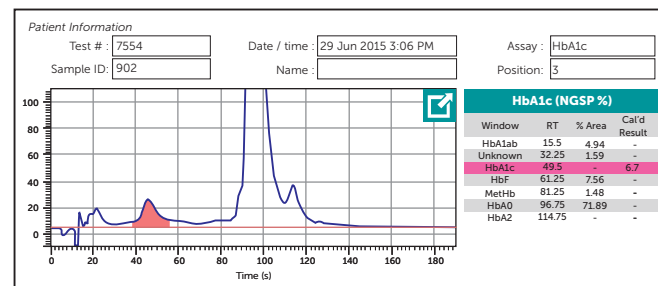


Simple to use: Load samples and Press Start

- HbA1c is recognized worldwide as the ideal marker for diabetes diagnosis and monitoring. High Performance Liquid Chromatography (HPLC) is still considered as the "gold standard" method for the measurement of HbA1c.
- Erba is proud to introduce Hb-Vario a "true HPLC" platform for HbA1c testing with HbA2 and HbF Flagging. A unique designed system developed for small to medium size laboratories and physician clinics.
- Better precision, CV < 2.5 %
- Our patented CLE technology enables complete elimination of labile glycohemoglobin ensuring accurate HbA1c results.
- HbA1c test results in 3.5 minutes with HbA2/HbF flagging.

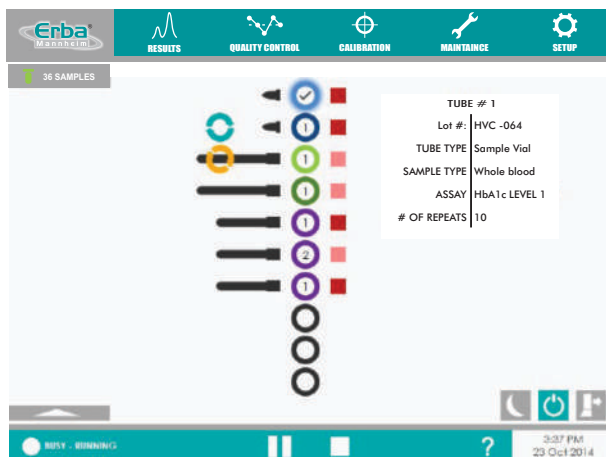
HbA1c results Free from interferences

- Separation of hemoglobin fractions
- Complete removal of labile fraction up to 10%
- No interference of HbF up to 10%
- No interference of lipemia or icterus, can run on non-fasting patient samples
- HbA1c reportability in presence of HbS, HbC, HbD and HbE



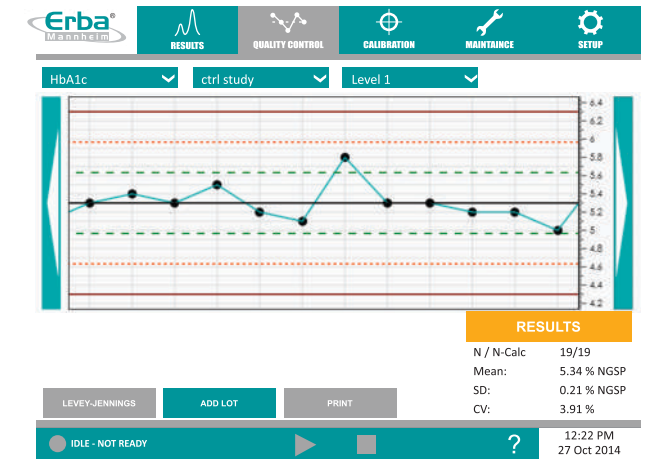
Convenient and easy to use

- Compact bench top model
- User friendly touch screen operation
- Sampling from multiple sized primary tubes, including microcapillary collection tubes
- No sample preparation required
- Simple reagent and column replacement
- Automated maintenance



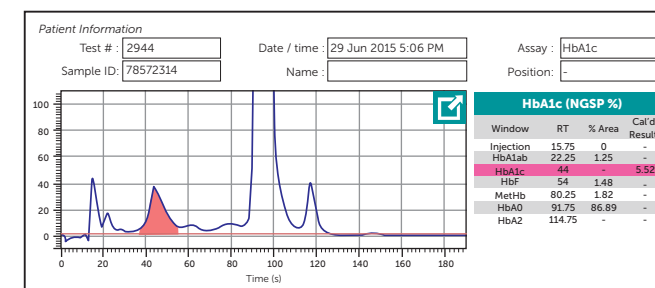
Security and traceability

- RFID reagent identification and tracking
- Automatic barcode identification of samples
- NGSP certified
- Calibrators and Controls IFCC traceable
- On board QC functions with Levey-Jennings and statistical calculations
- Unlimited storage of calibration, QC data and chromatograms

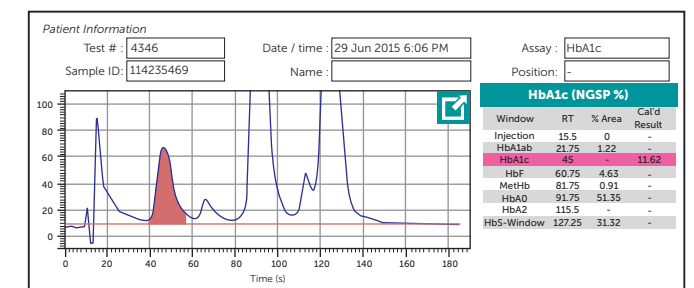


Cost effective

- Complete kit with buffers, calibrator and column. No hidden cost
- 2x100 tests pack size ideal for small to medium size volume



Sample chromatogram of a non Diabetic Patient



Sample chromatogram of a Diabetic Patient



True HPLC

True HPLC

True HPLC

True HPLC

True HPLC

True HPLC