



Nexus IB10

- An automated portable immunoassay system
- Simple and easy operation
- Reliable and accurate results for a point-of-care test setting



Fast & Fully Automated
Time to Result 20 minutes



Whole Blood Use



Multiple Analytes
in a Single Run



Simple & Easy-to-Use



Portable with
Battery Option



Connectable to LIMS

NEXUS IB10 Principle

The Nexus IB10 immunochemistry system combines chemistry with microfluidics and centrifugal flow to rapidly prepare a cell free plasma from whole blood that can then be moved through a channel to rehydrate, solubilize and mix with freeze dried immunoconjugates. Using a combination of active flow and capillary action, the test sample is quantitatively measured in 20 minutes with an optical signal level proportional to the analyte(s) concentration.

After addition of the patient sample, the entire test is performed within the Nexus IB10 Analyzer, which provides control of the temperature of the disc, as well as the reaction sequence, centrifugal flow, mixing, incubation time, final signal measurement, quantitation and reporting of results.

Specification

FEATURE	DESCRIPTION
Display	4.3 inch Touch LCD Screen
Method	One Step Sandwich Reaction
Sample Type	Whole Blood and Plasma from Lithium Heparin or EDTA
Sample Volume	500 µL
Printer	Built-in Thermal Printer
Options	Barcode Reader
Time to Result	20 min
Interface	USB / PC, LIS
Dimension (mm)	175 (W) x 330 (D) x 180 (H)
Weight	2.4 kg

Products

CATALOG NUMBER	DESCRIPTION
IVR-IB58	IB10 sphingotest® DPP3 Dipeptidyl Peptidase 3 (package of 10 discs)
IVR-IB56	IB10 sphingotest® NT-proBNP NT-proBNP (package of 10 discs)
IVR-IB55	IB10 sphingotest® TSH TSH (package of 10 discs)
IVR-IB54	IB10 sphingotest® beta-hCG beta-hCG (package of 10 discs)
IVR-IB53	IB10 sphingotest® Shortness of Breath D-Dimer, NT-proBNP, Troponin I (package of 10 discs)
IVR-IB52	IB10 sphingotest® D-Dimer D-Dimer (package of 10 discs)
IVR-IB51	IB10 sphingotest® Cardiac 3-in-1 Troponin I, CKMB, Myoglobin (package of 10 discs)
IVR-IB50	IB10 sphingotest® Troponin-99 Troponin I (package of 10 discs)

Pipeline Products

PRODUCT	DESCRIPTION
IB10 sphingotest® penKid®	The Assay for Proenkephalin, a unique Biomarker for Real-Time Assessment of Kidney Function
IB10 sphingotest® bio-ADM®	The Assay for bioactive Adrenomedullin, a unique Biomarker for Real-Time Assessment of Vascular Integrity

© 2019 Sphingotec GmbH. This communication relates to CE IVD marked products based on the Nexus IB10 Technology. Human diagnostic use of such products may be subject to local regulations. Please check availability with your local sales representative or directly with Sphingotec GmbH, Germany who may provide a list of countries where the product is already registered and available.

Caution - The information contained in this communication does not constitute nor imply an offer to sell or transfer any product based on the Nexus IB10 technology an in vitro diagnostic (IVD) product in the United States of America or Canada. No product based on the Nexus IB10 technology is currently available for sale as an IVD product in the United States of America or Canada. The analytical and clinical performance characteristics in compliance with U.S. FDA medical device regulations of any Nexus IB10 product, which may be sold at some future point in time in the U.S., have not yet been established.

If you have any questions please contact your local distributor

Sphingotec GmbH E-Mail: IB10@sphingotec.de