



Nexus IB10 Analyzer

NEXUS IB10 Principle

The Nexus IB10 Analyzer is an automated in-vitro immunology analyzer that quantitatively measures antigens or antibodies in whole blood or plasma samples on a dedicated disc, in a near patient or laboratory setting. The Nexus IB10 immunochromatographic assay 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 is ready to be 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 controls the temperature of the disc, as well as the sequence, duration of measurement, centrifugal flow, mixing, incubation time, final signal measurement, quantitation and reporting of results.



**Fast & Fully Automated
Time to Result 20 Minutes***



Simple & Easy-to-Use



Whole Blood Use



Quantitative Test Results



**Multiple Analytes
in a Single Run**



Connectable to LIMS

The disc products can be stored at 2-8°C for at least 12 months and are stable up to 30 days at room temperature. For more information, please refer to the individual product IFU. All IB10 sphingotest® test discs are **CE-IVD marked**. Prior to testing patient samples, ensure that the Analyzer software is updated to the latest version.

* For IB10 sphingotest® DPP3 the time to result is 22 minutes.

Specification

Feature	Description
Display	109 mm Touch LCD Screen
Method	One Step Sandwich Reaction
Sample Type	Whole Blood and Plasma
Sample Volume	500 µL
Printer	Built-in Thermal Printer
Options	Barcode Reader
Time to Result	20 minutes*
Interface	PC, LIMS
Dimension (mm)	177 (W) x 330 (D) x 177 (H)
Weight	2.4 kg

Products

Catalog Nr.	Description
IVR-IB65	IB10 sphingotest® PCT Procalcitonin (package of 10 discs)
IVR-IB62	IB10 sphingotest® penKid® Proenkephalin A 119-159 (package of 10 discs)
IVR-IB61	IB10 sphingotest® bio-ADM® bioactive Adrenomedullin 1-52 (package of 10 discs)
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® SOB 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® 3-in-1 Cardiac Troponin I, CK-MB, Myoglobin (package of 10 discs)
IVR-IB50	IB10 sphingotest® Troponin-99 Troponin I (package of 10 discs)

Instrument & Accessories

Catalog Nr.	Description
IVR-IB59	Nexus IB10 Analyzer (1 unit)
IVR-IB60	IB10 EQC (1 disc)

Catalog Nr.	Description
IVR-IB90	IB10 Demo Disc (1 disc)
0105-001211	Printer Paper (1 roll)

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Products based on the Nexus IB10 technology (Nexus Dx, Inc., San Diego, CA, USA) described are CE-IVD-marked and hence certified and approved for use in the European Economic Area (EEA) only. Human diagnostic use of such products may be subject to local regulations. Not all products are available in all territories due to different national regulations. Please check for local availability and information on potential EEA-external approvals with the manufacturers. 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 as 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.



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Local Distributor

If you have any questions please contact your local distributor