



Nexus IB10



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

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 |
| Sample Volume | 500 µL |
| Printer | Built-in Thermal Printer |
| Options | Barcode Reader |
| Time to Result | 20 min |
| Interface | PC, LIMS |
| Dimension (mm) | 175 (W) x 330 (D) x 180 (H) |
| Weight | 2.4 kg |

Products

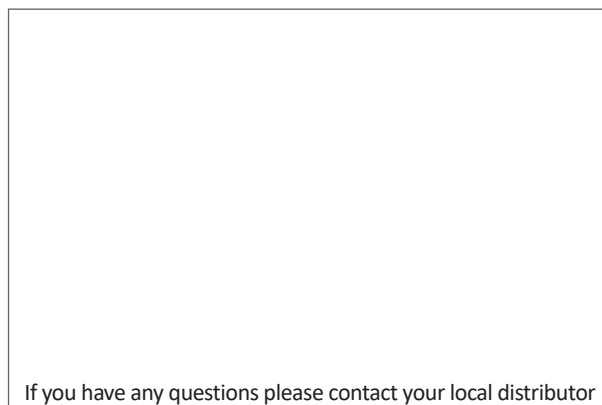
| Catalog Nr. | Description |
|-------------|--|
| IVR-IB65 | IB10 sphingotest® PCT Procalcitonin (package of 10 discs) |
| IVR-IB62 | IB10 sphingotest® penKid® Proenkephalin (package of 10 discs) |
| IVR-IB61 | IB10 sphingotest® bio-ADM® bioactive Adrenomedullin (package of 10 discs) |
| IVR-IB58 | 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® 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® 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) |

The 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**.

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The IB10 sphingotest® PCT is a rapid point-of-care (POC) immunoassay for the in vitro quantitative determination of Procalcitonin (PCT) in the concentration range of 0.3 µg/L to 10 µg/L in EDTA whole blood and plasma. This assay is only intended for the diagnosis of sepsis, the assessment of the degree of severity, and monitoring of the change of sepsis severity. This assay is neither suitable nor intended for other applications and/or uses.

Local Distributor



If you have any questions please contact your local distributor