

# New Products

## Immunoassays solution



**Product:** CANDOR's new product brochure.

**Contents:** CANDOR Bioscience presents its ready-to-use buffers for immunoassays. In addition to well-known products for optimisation of assays like LowCross-Buffer the brochure shows some new product developments. SmartBlock is an easy and cost-effective blocker for surfaces. „CANDOR Blocking Solution“ is known for its outstanding blocking efficiency, but the new SmartBlock is an economic alternative for unproblematic assays. The Liquid Plate Sealer is a stabiliser for coated ELISA plates: coated plates are “sealed” with a protective layer. This layer stabilises and protects coated antibodies, but it is easily soluble. This renders unnecessary additional washing steps before using the plates. ELISA plates treated with Liquid Plate Sealer can be stored moistly in the fridge for weeks or alternatively can be stored dry for many months and years, depending on the antibody coating. The brochure is available as a print or can be downloaded from [www.lowcross.de](http://www.lowcross.de).

## PCR

**Product:** Alloy blocks for thermal cyclers.  
**Name & Manufacturer:** VeriFlex blocks from Applied Biosystems.  
**Technology:** Thermal cycling simplifies PCR by using thermal alloy blocks that are heated and cooled repeatedly. However the slightest variation in heating or cooling



temperatures can result in failed experiments. VeriFlex Blocks have six separately controlled alloy blocks (or zones) that enable users to set specific temperatures that will not encroach into neighboring zones. In contrast current gradient technologies create hard-to-regulate temperature gradients across a single block.

**Advantages:** A single Veriti Thermal Cycler can rapidly find the optimal annealing temperatures. It runs multiple reactions at different temperatures simultaneously, allowing a battery of tests to be performed across a broad range of different temperatures in a single run. The Veriti Thermal Cycler features an easy-to-use touchscreen interface that simplifies operating the instrument system. Users can choose to run pre-programmed or custom methods using fast or standard chemistries.

**More Information:**  
[abdirect@eur.appliedbiosystems.com](mailto:abdirect@eur.appliedbiosystems.com)

## Analyzer for Biochips



**Product:** Analyzer for Geniom Ready-to-Go Biochips.

**Name & Distributer:** Geniom RT Analyzer from febit biotech.

**Technology:** The Geniom RT Analyzer is used with pre-synthesized Geniom Biochips. It allows sample hybridization, automated processing and analysis. In addition, the advanced microfluidics of the system, combined with unique optics, allow the instrument to be used in applications that are not possible with stand-

ard microarray technology, e.g. on-chip enzymatic applications such as multiplex amplification. Other applications include ChIP-chip, Dynamic Detection (Melting Curves for real-time (RT) data monitoring) and signal enhancing protocols (Consecutive Signal Enhancement – CSE).

**Advantages:** The Analyzer provides a true lab-on-chip technology for genomics research. Another feature of the Geniom System is the ability to perform the cost and time saving “wash&rehyb” that allows every biochip to be used up to 4 times.

**More Information:**  
[www.febit.eu](http://www.febit.eu) or [www.geniom.com](http://www.geniom.com)

## Nanoliter Dispenser



**Product:** Nanoliter bulk reagent dispenser.

**Name & Manufacturer:** Multidrop Combi nL from Thermo Fisher Scientific.

**Technology:** Multidrop Combi nL provides consistent high-throughput dispensing into 1536-, 384- and 96-well plates covering volume range 50 nL - 50 µL. A pressurized reagent container with valves provides precision and accurate control of liquid flow at all volumes. The minimal dead volume and reagent recovery feature result in decreased waste and maximized utilization of precious samples. The intuitive graphical user interface makes functions easy to use. Furthermore, FILLit PC-software provides increased functionality and dispensing protocols can be downloaded for standalone use. The Multidrop is easily integrated into automation solutions.

**Advantages:** The Multidrop Combi nL provides accurate, consistent, high-throughput dispensing across a range of 50 nL to 50 µL. It is easy to maintain and can be used to dispense all common reagents, diluents, buffers and solvents as well as viscous solutions, cells and beads.

**More Information:**  
[www.thermo.com/multidrop](http://www.thermo.com/multidrop)