

New Products

PCR Products



Product: White PCR products.

Manufacturer: Brand.

Technology: Brand has expanded its product range of extra-thin-wall disposable products with a line of white PCR products (strips of 8 and plates with 24- up to 384-wells). They fit the requirements of the quantitative Real Time PCR (qPCR). The white PCR strips and plates offer significantly better results in the analysis of fluorescence signals and consequently with the quantification of the DNA formed.

Advantages:

- Uniformly coloured with titanium dioxide
- Smooth surfaces to optimize reflection of the fluorescence signal
- Suitable for use in common thermal cyclers
- Extra-thin walls to provide the optimal thermal transfer and short cycle times
- Manufactured under the most modern clean room conditions
- DNase-, DNA- and RNase-free.

More Information:

info@brand.de; www.brand.de

Nano LC



Product: Fitting system to be used with nano LC systems and nano and capillary columns.

Name & Manufacturer: nanoViper fitting from Dionex Corporation.

Technology: The fittings are designed to prevent capillaries from slipping away from the column inlet even under ultrahigh pressures. The fitting system reconnects easily between different col-

umn hardware. It also features an integrated, removable tool to tighten without force, and it fits spaces as small as the connections of a 10-port valve, once the integrated tool is removed.

Advantages: This fitting system does not rely on ferrules or ferrule-shaped parts to tighten to high- and ultrahigh-pressure instruments. It provides 3 customer values: first, a correct fitting each time it is used; second, zero-dead-volume connections; and third, it fits to any common column hardware or injection/switching valve platform in the nano LC market.

More information: www.dionex.com

Product: Series of pipettes.

New Pipettes



Name & Manufacturer: Finn timer F3 Series from Thermo Fisher Scientific.

Technology: The series includes 8 single-channel models covering 1 µl to 10 ml, as well as 9 fixed-volume pipettes (1 µl to 1 ml) for assured versatility. The F3s complete the range of Finn timer pipettes and are compatible with most common tips.

Advantages: Each colour-coded Finn timer features a double-action pipetting push-button. Its rotating upper part prevents accidental volume alterations while pipetting. The volume gearing mechanism allows volume precision to two decimal places. Ergonomic features minimize the risk of repetitive strain injury: The handle softly contours the shape of your hand, and the wide-supportive finger rest allows you to relax your hand between pipetting actions. The smooth round-shaped tip ejector is safe to use with gloves and the wide top permits easier tip ejection. The large display gives easy reading.

More Information:

www.thermo.com/finnpipette

DNA Damage in Cells

Product: Complete assay system for direct detection of DNA damage in cells.

Manufacturer: AMS Biotechnology (amsbio).

Technology: The comet assay is the only direct method for the detection of DNA damage in cells. Based on single cell gel electrophoresis in a controlled pH environment, the assay allows the integrity of stained nuclear DNA to be examined and measured. Until now, a lack of standardisation in electrophoresis equipment, control cells, comet slides and comet reagents created inconsistencies in data generated run-to-run and user-to-



user. This assay system solves these problems. It includes CometSlides, reagents, control cells and an electrophoresis unit.

Advantages: The electrophoresis unit retains test cells in a configured electrophoretic field permitting consistent DNA migration patterns, which are critical for standardisation of the assay. Each lot of the CometAssay control cells, reagents and CometSlide are tested and qualified for use in the CometAssay System. In combination, the components of the system permit reproducibility and reduce variability between individual users.

More Information: <http://www.amsbio.com/productpage.aspx?code=4250-050-ESK>

Complex Cell Signalling Analysis



Product: 3 Kits for benchtop flow cytometry.

Name & Manufacturer: FlowCollect kits from Millipore.

Technology: Targeted to key signalling pathways, the 3 kits provide a complete, validated solution for evaluating complex cell signalling events. The kits use directly conjugated, phospho-specific antibodies to simultaneously detect protein activation states and cross-talk and include all antibodies, buffers, and other reagents necessary.

Advantages: No need of sending samples to a core laboratory. With the FlowCollect kits, you can evaluate pathway activation and cross-talk over time or investigate the correlation between cell signalling events and changes in cell function.

More Information:

www.millipore.com/guavasignaling