

ON THE MARKET

FILTERING AIDS



Filters from Millipore.

Millipore offers new HPF Millex **syringe filters** to clarify particle-laden solutions prior to chromatography. HPF Millex uses two different media: a graduated glass fiber prefilter (10.0 to 0.7  $\mu\text{m}$ ) to remove larger particles and a 0.45  $\mu\text{m}$  membrane filter for fine filtration. Millipore says this results in up to 50% greater throughput and easier filtration than traditional syringe filters. While all HPF Millex filters contain the same graduated filter, users can choose a membrane that best suits their application. Recommended for filtering solvents, the HPF Millex-HN filter has a nylon membrane with broad chemical compatibility. The HPF Millex-HV filter has a Durapore low-protein binding membrane that is recommended for filtering proteinaceous solutions. HPF Millex filters are available in 50 and 1,000 packs for individual sample filtration using a syringe and in 200 packs (8 x 25-unit tubes) for automated sample preparation with Zymark workstations.

**Tel. (+1) 800-MILLIPORE**  
**www.millipore.com/millex**

ANTIBODIES

In collaboration with Massimo Loda of the Dana-Farber Cancer Institute in Boston, BioGenex Laboratories has developed **Cdx2-88 antibody**. Cdx2 is a component of a regulatory network that coordinates intestinal proliferation and differentiation. Overexpression of Cdx2 has been shown to reduce malignancy in colon cancer-derived cells. A decrease in human Cdx2 expression is associated with colorectal tumorigenesis and car-

cinogenesis of the stomach. The monoclonal antibody is available in two forms: concentrated and ready to use. It is said to work well in a variety of immunoassays, particularly in immunohistochemistry on formalin-fixed, paraffin-embedded tissue sections.

**Tel. (+1) 925-275-0550**  
**www.biogenex.com**

SOFTWARE SOLUTIONS



Assay optimization software.

Beckman Coulter announces the extension of its **automated assay optimization (AAO) software** to the Biomek FX liquid handling system. Initially introduced on Beckman Coulter's Biomek 2000 laboratory automation workstation, the company says that AAO has been enhanced with sophisticated assay scheduling and now functions with the higher throughput capability of the Biomek FX. AAO facilitates the development of robust assays for high-throughput screening environments, reducing development time from months to days, says Beckman Coulter. The latest version enables the automation of more complex assays, using the large deck space, pipetting techniques and templates of the Biomek FX, including the Span 8 and 384-Channel pipetting heads. AAO can now be used to design assays and larger experiments requiring

whole plate reagent additions. Beckman Coulter's SAMI optimizing scheduler software is also now imbedded in the AAO program, enabling the scheduling of time-critical steps in the experiments.

**Tel. (+1) 714-871-4848**  
**Tel. (+1) 800-742-2345**  
**www.beckmancoulter.com**

APOPTOSIS RESEARCH

Licensed **annexin V protein** is now available from MedSystems Diagnostics. One of the main applications of annexin V is the quantitative detection of apoptotic cells, enabling researchers to discriminate between apoptosis and necrosis. In addition to being a reliable marker for the detection of apoptotic cells, annexin V is also suitable for studying sickle cell disease, Scott syndrome and other pathological conditions.

**Tel. (+43) 1-796-40-40-0**  
**www.bendermedsystems.com**

TRANSFECTION TOOLS

The new Silencer **siRNA transfection kit** from Ambion is intended for the efficient delivery of siRNA into cells to induce a gene silencing response. The kit includes both siPORT Lipid (a proprietary mixture of lipids) and siPORT Amine (a proprietary blend of polyamines). These two agents have different transfection efficiencies for different cell types, allowing for the use of a broader variety of cultured mammalian cells. The kit also includes GADPH siRNA positive and negative controls to aid in the development of an optimal transfection protocol. It contains sufficient reagents for 200 transfections using 24-well tissue culture dishes.

**Tel. (+1) 512-651-0200**  
**www.ambion.com**

Recommended reagents for various cell types

Cell line	Mammalian cell type	Recommended reagent
HeLa S3	Human cervical carcinoma	siPORT Lipid
COS-7	Monkey kidney SV-40-transformed	siPORT Amine
CHO-K1	Hamster ovary	siPORT Amine
MCF-7	Human breast carcinoma	siPORT Lipid
NIH/3T3	Mouse embryo fibroblast	siPORT Lipid or siPORT Amine
HT-29	Human colon adenocarcinoma	siPORT Lipid or siPORT Amine
A549	Human lung carcinoma	siPORT Lipid or siPORT Amine
293	Human kidney transformed	siPORT Amine
BJ	Human foreskin fibroblast	siPORT Amine

