

Fine filters

Millipore's single-use capsules sterilize up to 20 l in 10 min.



Millipore offers a sterile, ready-to-use Steripak-GP₂₀ **filter device**. The single-use capsules sterilize up to 20 l of aqueous solutions, including tissue culture media with or without serum, in 10 min or less. The Steripak-GP₂₀ device includes stacked discs of Millipore Express polyethersulfone (PES) membrane, a high throughput membrane with 0.22 μm pore size and low protein binding. In addition to the Steripak-GP₂₀ device, the Steripak-GP₁₀ device is available for filtering up to 10 l. Steripak-GP filter devices are part of a family of pressure-driven filtration devices. Designed with a pump or pressure vessel connection, the downstream filling bell provides sterility assurance while the upstream air-vent prevents air locking.

Tel. (+1) 1-800-MILLIPORE
<http://www.millipore.com/sterile>

Immunology toolbox

Zymed Laboratories offers **claudins 1, 2, 3, 4 and 5** for use in formalin-fixed, paraffin-embedded tissues. Recent studies implicate claudin 4 in pancreatic cancer, claudins 1, 2, 3 and 5 in colon cancer and claudin 3 in prostate cancer. The company also offers a wide range of **claudin antibodies** for use in western blotting, immunofluorescence and immunoprecipitation.

<http://www.zymed.com>

MedSystems Diagnostics has introduced a series of new enzyme-linked immunosorbent assays (ELISAs) and Instant ELISA kits for the **detection of soluble co-stimulatory molecules**. These ELISAs are said to be particularly useful for researchers studying how manipulation of the co-stimulatory signals enhances or terminates immune

responses. In addition to these new ELISAs, the company offers over a dozen other ELISA kits for studying the role and function of these important immune modulators. Among the new ELISAs are kits for the detection of co-stimulatory molecules CD28, CD80/B7-1 and CD86/B7-2, which are involved in cytokine production, especially in the production of IL-2. Also available are new kits for CD27, and CD137/4-1BB detection, as well as ELISAs for CD152/CTLA-4, CD40 and 40L, CD30 and 30L, and sICAM-1, -2 and -3.

Tel. (+43) 1-796-40-40-0
<http://www.bendermedsystems.com>

Multimode detection system



Flexible multimode detectors from Beckman Coulter.

Beckman Coulter offers two new **multimode detectors** — the first in a line of products to combine absorbance, fluorescence and luminescence detection in one instrument for maximum flexibility. The DTX Series detectors can operate as stand-alone instruments or can be integrated seamlessly with Beckman Coulter's Biomek liquid handlers and are intended for a broad range of systems biology applications, including drug discovery, genomics, proteomics and cell-based research. The DTX Series' unique optics design is said to ensure precise performance and sensitivity across all detection modes. The instruments offer a choice of plate loading options, including accepting plates in portrait or landscape formats. The detectors feature an extra-wide plate access door to facilitate easy integration with automated liquid handling systems. Two models are available: the DTX 800, which features fluorescence intensity (top reading), absorbance (visible) and glow luminescence for 96- to 384-well plates, and the

DTX 880, which features fluorescence intensity (top and bottom reading), time-resolved fluorescence, fluorescence polarization, absorbance (UV and visible), glow luminescence and temperature control for 6- to 1536-well plates. The detector's software platform provides instrument control and protocol development, as well as compatibility with Beckman Coulter's Biomek and SAMI software programs.

Tel. (+1) 800-742-2345/
(+1) 714-871-4848
<http://www.beckmancoulter.com>

Reagent round-up

The SNPcapture p53 **mutation screening kit** from Panomics is designed for the quick and easy detection of the presence of any mutation in human p53 genomic gene coding exon regions. Multiple samples can be processed simultaneously. The method is said to be cost-effective: everything you need is included and the only equipment necessary is a standard PCR thermal cycler and agarose gel electrophoresis apparatus.

Tel. (+1) 877-726-6642 (USA and Canada)
<http://www.panomics.com>

Silencer **validated siRNAs** from Ambion are individual siRNA duplexes that have been verified by real-time PCR to reduce target gene expression by greater than 70%. Because they have been shown to effectively silence their target gene, Ambion says researchers save both time and money that would otherwise be spent on screening potential siRNA sequences. Each of the Silencer validated siRNA strands is chemically synthesized, purified by HPLC to 97% purity, verified by MALDI-TOF mass spectrometry, annealed and then analyzed to ensure proper annealing.

Tel. (+1) 800-888-8804/
(+1) 512-651-0200
<http://www.ambion.com>

HYBEX **hybridization solution** from Vector Labs is a ready-to-use hybridization formula for general hybridization of nucleic acid probes in membrane-based assays. It can be used with either nylon or nitrocellulose membranes and does not contain formamide, facilitating faster hybridization, says the company.

<http://www.vectorlabs.com>