

## Fine filters



MultiScreen Deep Well Solvinert filter plates.

Millipore now offers MultiScreen Deep Well Solvinert **filter plates for a range of drug discovery applications**, including total drug analysis. With high-flow, low-binding membranes and inert materials, the 96-well plates provide broad solvent compatibility for demanding assay conditions. For maximum sample versatility, the MultiScreen Deep Well Solvinert filter plates feature 2-ml wells. The plates incorporate a one-piece design to accommodate extended incubations, even with organic solvents and shaking. In addition, the tops of the filter plates are optically clear to allow for visual observation of samples. Developed for reliable particle retention, MultiScreen Solvinert filter plates are available with a choice of optimized hydrophilic or hydrophobic PTFE (polytetrafluoroethylene) membrane and an optional prefilter for samples with high particle loads. For smaller samples, MultiScreen Solvinert filter plates are available in a standard micro-well format with 500- 1 wells.

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

## Assorted arrays

SuperArray Bioscience offers an extensive line of **cDNA arrays each representing a different set of immunology-related genes**. The inflammatory cytokines and their receptors are represented, as well as other genes important for the study of autoimmune diseases. The company also offers arrays that feature genes involved in signal transduction pathways important to the immune response. The list of these products includes: immunology-related arrays; human dendritic and antigen presenting cell gene array (available in both Nylon and Nylon-on-Glass platforms); autoimmune and inflammatory response array; asthma array; Th1-Th2-Th3 array; inflammatory cytokines and receptors array;

interleukins and receptors array; common cytokines array; chemokines and receptors array; immunology-related signal transduction arrays; glucocorticoid signaling pathway array; JAK/STAT signaling pathway array; NFkappaB signaling pathway array; calcium/NFAT signaling pathway array; and the TGFbeta/BMP signaling pathway array.

<http://www.superarray.com>  
 Tel. (+1) 888-503-3187 (toll-free)/  
 (+1) 301-682-9200

## Lab automation



Biomek NX next-generation lab automation workstation.

Beckman Coulter's next-generation **laboratory automation workstation** is the Biomek NX. With a smaller footprint than the sophisticated Biomek FX, the NX workstation offers eight-probe and multichannel pipetting choices with submicroliter pipetting capabilities down to 500 nL. The Span 8 Pod functions with an optional gripper that rotates a full 360° for maximum flexibility in moving labware on and off the deck. The multichannel configuration is available with 96- and 384-channel pipetting heads for rapid plate-to-plate applications and assay miniaturization. Moreover, the Biomek NX platform uses the same automated labware positioners (ALPs) as the Biomek FX system, such as tip loaders, wash stations and shakers, for maximum flexibility in performing various functions on the deck. An optional bar-code reader delivers on-the-fly plate reading in one step with the plate movement, and plates can be read before and after pipetting to ensure sample integrity. Intended applications include plasmid DNA purification, cytokine ELISAs and protein purification and quantitation. A new clot detection feature will respond to fibrin clots and redispense if appropriate, while a new septum piercing capability allows closed tube sampling for functional genomic applications such as DNA extraction from whole blood. Disposable or fixed tips can be used with the system. An integrated pump purges the fluid

lines of the Span 8 head quickly and reliably, ensuring optimum pipetting performance.

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

## Custom services

Panomics now offers a **custom assay service for reliable and fast SNP detection**. With the mapping of the Human Genome Project completed, there have been over two million single nucleotide polymorphisms, or SNPs, discovered. Researchers provide the SNP region(s), the SNP sequence and the company creates custom primers and provides an optimized protocol. The SNP detection kits are designed for use in both research and clinical settings.

Tel. (+1) 877-726-6642 (toll-free)  
<http://www.panomics.com>

## Mail-order means



See BIODESIGN for assorted antibodies, antigens and assay development products.

BIODESIGN has just issued a new **catalog of antibodies, antigens and assay development products** featuring over 350 new products. Special sections within the catalog feature antibodies to bioterrorism agents, food and waterborne pathogens and toxins. This year's catalog also includes antibodies and antigens in the following subject areas: autoimmune, bone and calcium metabolism, cancer, cardiac markers, CDs, collagens, cytokines, drugs, enzymes, epitope tags, hormones, immunoglobulins, infectious diseases, lipoproteins, neuroscience, platelets and hemostasis and signal transduction. To assist in the development of immunoassays, the catalog provides tables of paired antibodies for various specificities, blocking reagents to minimize human anti-mouse antibody interference and goat anti-human IgG for use as an absorbent in IgM detection assays. This year BIODESIGN has also introduced Proficiency-Educational Panels for parasitic diseases. Both intestinal and blood parasite panels are available.

Tel. (+1) 888-530-0140 (toll-free)/  
 (+1) 207-283-6500/  
<http://www.biodesign.com>