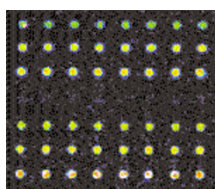


ON THE MARKET

ARRAY TECHNOLOGY



Versalinx microarray technology
— now for peptides.

Peptides — small, biologically active molecules that function as regulators, cell stimulators, signal molecules and drugs — are important targets of biomedical research. Peptide arrays allow the efficient screening of large numbers of different peptides in drug discovery and proteomics but can be technically challenging to implement. Using Prolinx's Versalinx **microarray technology**, the company says peptides are rapidly and easily modified in solution or during solid-phase peptide synthesis, then immobilized on the array surface. Good retention of peptide activity and uniform spot morphologies, combined with high capacity, low background three-dimensional polymer surfaces, results in a linear response over a wide range of peptide concentrations.

Tel. (+1) 866-PROLIX
Fax (+1) 425-487-9578

MAIL-ORDER MEANS

Sigma-RBI has introduced a **lipid signaling brochure** designed to help researchers in the study of lipid signaling mechanisms and their role in diseases like inflammation, cancer, neurodegenerative diseases and immune disorders. The 34-page brochure features 350 products, including over 140 new products in areas such as the arachidonic acid cascade, lysophospholipids, phosphoinositides and phospholipases.

Tel. (+1) 314-771-5765
Fax (+1) 314-771-5757
www.sigma-aldrich.com

DEVICES

Futuremed offers the P80 Power **electrocardiogram (ECG)**, which is said to provide many of the capabilities found in larger, more expensive instruments but at lower cost. The device enables the operator to preview tracings on a large LED screen to ensure signal quality prior to printing. Moreover, a full al-

phanumeric keyboard allows for personalized reports. Up to 40 tests can be stored for future reference. Electrical power is backed by a rechargeable battery that can acquire and print 300–400 tracings per charge. And, since the device weighs only 11 pounds, ECGs can be performed virtually anywhere, says Futuremed.

Tel. (+1) 818-830-2500
Fax (+1) 818-891-4755
www.futuremedamerica.com

KITS

Stressgen recently introduced an anti-human (IgG/A/M) **Hsp60 ELISA kit** — an immunoassay for the detection and quantitation of anti-human heat shock protein 60 (Hsp60) antibodies in serum. Hsp60 is a molecular chaperone that participates in the folding of mitochondrial proteins and facilitates proteolytic degradation of misfolded or denatured proteins. The assay has a stated sensitivity of 2.88 ng/ml, requires a sample volume of 100 µl/well and has an incubation time of 3.25 h.

Tel. (+1) 250-744-2811
Fax (+1) 250-744-2877
www.stressgen.com/reagents

HANDY GADGETS



Microplate adapter from MJ Research.

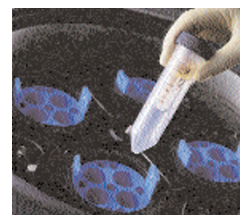
MJ Research offers a convenient **microplate adapter** that allows use of MJ Research skirted plates directly in the ABI PRISM 3700 DNA Analyzer. Microplates with full skirts are favored, and often required, for use with automated workstations, plate stackers or other robotic equipment. Hard-Shell and Microseal 96-well skirted microplates snap easily onto the aluminum adapter, placing them at the height required for automated pipetting. Easy-to-follow instructions contain the necessary parameters for the instrument's software.

Tel. (+1) 888-735-8437
Fax (+1) 617-923-8080
www.mjr.com

Bio-Rad Laboratories introduces a new **cup-loading option** for easy sample loading into rehydrated IPG (immobilized pH gradient) strips on the Protean IEF (isoelectric focusing) system. Cup loading is said to improve sample uptake into Bio-Rad's ReadyStrip IPG Strips, for better resolution during first-dimension IEF. The convenient, disposable cups are available in strips of 12 in either 100- or 150-µl volume sizes. Adjustable electrodes will accommodate IPG strips up to 24-cm long.

Tel. (+1) 510-741-1000
Fax (+1) 510-741-5800
www.discover.bio-rad.com

FILTRATION FINDS



Amicon Ultra ultrafiltration centrifugal filters.

Millipore offers Amicon Ultra ultrafiltration **centrifugal filters** for ultra-fast, high recovery purification and concentration of proteins and nucleic acids. Sample volumes of <4–15 ml can be concentrated or diafiltered (desalt or buffer exchange) in as little as 15 min, with no sacrifice to sample recovery, says the company. The devices combine Ultracel low-binding ultrafiltration membrane with a new vertical design to deliver high sample recoveries (typically >90%), ultra-fast spin times and maximum user convenience. Amicon Ultra incorporates a new vertical housing design that is compatible with all rotor types and allows for direct pipetter sample access to eliminate the need for an extra processing step. Easy sample monitoring is also possible because the housing is translucent with clearly marked filter devices and centrifugal filtrate tubes. High recovery is made possible by the hydrophilic microstructure of low-binding Ultracel ultrafiltration membrane. The devices are suitable for sample concentration or purification of dilute or purified proteins solutes as well as complex samples such as fermentation broths or cell lysates.

Tel. (1) 800-MILLIPORE
www.millipore.com/amicon.
www.prolinx.com