BioSpectrum the business of Bio & Health Sciences

Randox offers RX imola

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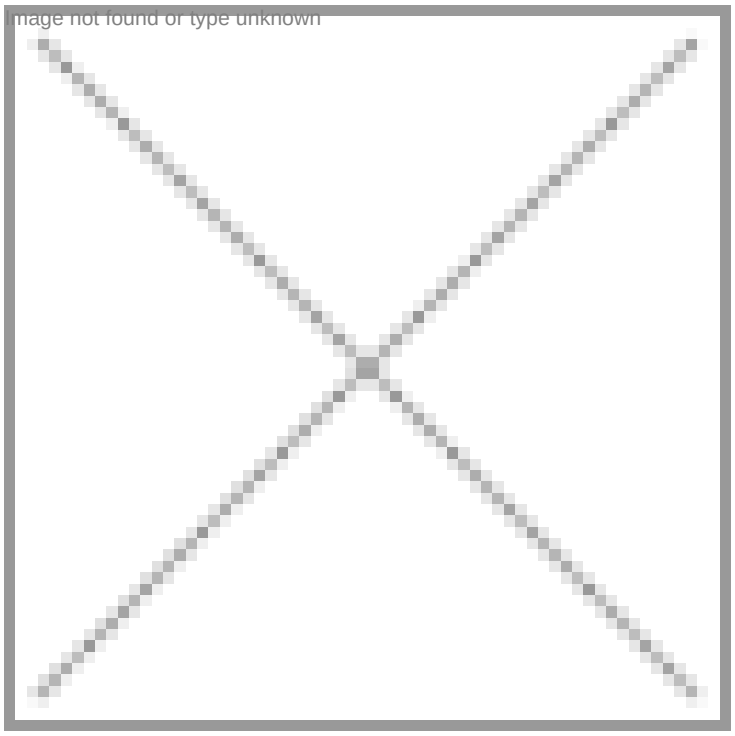
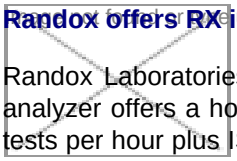


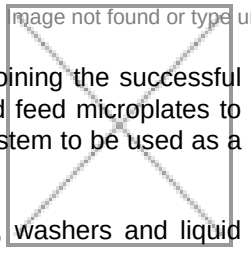


Randox offers RX imola

Randox Laboratories has introduced an automated random access clinical analyzer called RX imola. This fully automated analyzer offers a host of features usually only seen on larger systems. The RX imola has the capacity to perform up to 400 tests per hour plus ISEs, and offers primary tube sampling, on-board sample dilution and a cooled reagent compartment. The other key features of the analyzer include comprehensive test panel for clinical chemistry, proteins and TDMs, cuvette wash system, refrigerated sample carousel for on-board calibrators and QC material, STAT facility, direct interface with hose computer, automatic re-run and pre-dilution functions. The RX imola uses dedicated software for easy access to all system facilities and functions. A full color, graphic user interface offers a clear and concise guide through the operating functions and provides a comprehensive data management system.

For more details, contact: sreeram.gopal@randox.com

Bio-Tek introduces Bio-Stack range of products



Bio-Tek Instruments has expanded its line of automation solutions with two new Bio-Stack products. Joining the successful Bio-Stack Microplate Stacker, the new Bio- Stack Microplate Storage System can be used to store and feed microplates to any third party instrumentation equipped with a microplate gripper. User-configurable stacks allow the system to be used as a presenter and/or receiver with optimal flexibility.

The new Bio-Stack Twister II Microplate Handler can be interfaced to one or more Bio-Tek readers, washers and liquid

handling systems, adding incremental storage capabilities and automation for entire work cells. As a scalable robotic arm capable of handling up to 320 microplates, the handler improves efficiency and frees up valuable research time.

For more details, contact: vippul@miil.in

Thermo launches protein analyzer system

Thermo Electron Corporation has launched its new complete instrumentation package for the analysis of proteins, the Proteus protein analyzer system. The system is based on Fourier transform infrared (FT-IR) technology and uses a Nicolet series FT-IR spectrometer to non-destructively scan protein samples for structural defect and impurity analysis as well as process quality monitoring. The instrument is principally designed for QA/QC and basic research in pharmaceutical research organizations. The Proteus protein analyzer is available as a complete system or as a kit for existing Nicolet 4700, 5700, 6700 or 8700 FT-IR spectrometers.

Thermo's Proteus protein analyzer achieves quality infrared protein measurements within minutes. It combines quality instrumentation with proven methodology to provide a single source for critical data including identifying and classifying types of proteins, analysis of changes in protein over varying treatment conditions, protein monitoring during synthesis, measurements of impurities present in protein solutions, and determination of protein secondary structure.

For details, contact: chittur.seshadri@thermo.com

Biotron Healthcare launches ADP Quest Assay

Biotron Healthcare has introduced ADP Quest Assay of DiscoverX, USA. ADP Quest assay is a tool for researchers for profiling enzyme activity of kinases and ATPases. The assay employs a generic, non-antibody based, non-radioactive method to detect the amount of ADP produced as a result of enzyme activity. The amount of ADP produced is directly proportional to enzyme phoshphotransferase activity and is measured as a robust red-shifted fluorescence emission signal.

The tool is used to determine Michaelis-Menten kinetics and to profile inhibitor mode of action and potencies. The assay is for research use only and has been validated in 96-well and 384-well microplate formats. Some of the features and benefits of Assay includes Generic non-antibody based solutions for all kinases (includes low activity assays), Kinetic and Endpoint Capability.

For details, contact: venkatesh@biotronhealthcare.com

Eppendorf introduces range of microcentrifuges

Eppendorf has introduced three new microcentrifuges - Centrifuge 5418, the Centrifuge 5424 and the Centrifuge 5430. Designed to reduce operational noises, maximize potential operational speeds and offer intuitive operational panels, these centrifuges have set new standards. The compact Centrifuge 5418 has a capacity for 18 x 1.5/2.0 ml tubes and it can achieve a maximum rcf of 16,873 x g/14,000 rpm. The 5418 centrifuge is perfect for customers that demand a high quality centrifuge for processing a reduced amount of
samples.

The advanced Centrifuge 5424 for extended applicational use, accommodates 24 x 1.5/2.0 ml tubes and achieves a maximum rcf of 20,238 x g/14,680 rpm. The Centrifuge 5424 can be equipped with up to four different rotors: an aerosol tight standard 24 place rotor, a PCR strip rotor, a specially designed KIT rotor for processing spin columns and a special coated rotor for ultimate chemical resistance. Operation of the 5424 with or without a rotor lid has been made possible without having to sacrifice operational silence.

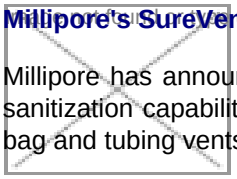
For more details, contact: info@eppendorf.co.in

Cambrex launches Clonetics cell system

Cambrex Bio Science Walkersville, a subsidiary of Cambrex Corporation launched Clonetics Human Lymphatic Microvascular Endothelial Cell Systems, the only pure and optimized lymphatic microvascular endothelial cells available for use in bioresearch. Cambrex is able to isolate populations of lymphatic microvascular endothelial cells with a guaranteed purity of greater than 95 percent and provide optimized media and supplements to ensure superior growth and performance in culture. These new cells join Cambrex's comprehensive offering of differentiated and progenitor cell types. Lymphatic endothelial cells play a key role in immune response by processing and delivering interstitial fluid to dendritic cells in the lymph nodes. The cells form capillaries that maintain fluid homeostasis in tissues by absorbing proteins and macromolecules

and returning them to the blood for circulation.

For details, contact: vivek.varma@cambrexindia.com



Millipore's SureVent membrane offerings

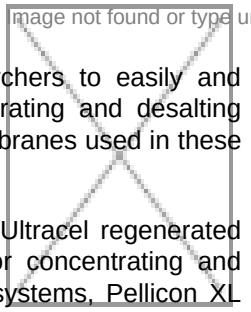
Millipore has announced the gamma stability of its SureVent hydrophobic and super-hydrophobic membranes for improved sanitization capabilities. The membranes are suitable for a broad range of liquid barrier and gas vent applications, including bag and tubing vents, vial vents, transducer protection, vent caps, insufflation, and gas monitoring anesthesia.

Used within medical devices, the SureVent polyvinylidene fluoride (PVDF) and ultrahigh molecular weight polyethylene (UPE) membranes provide an economical alternative to traditional ethylene oxide sanitization treatments. Stabilized for exposure to gamma irradiation, the membranes maintain their physical properties after gamma sterilization. As a result, sterile packaging processes are replaced with a single radiation step to deliver enhanced productivity.

A super-hydrophobic membrane, SureVent PVDF membrane repels most liquids, including alcohol, protein, lipid, and other solutions with low surface tensions.

For more information, visit www.millipore.com/surevent

TFF products from Millipore



Millipore Corporation has announced two tangential flow filtration (TFF) products that allow researchers to easily and efficiently purify large volumes of protein-containing solutions. Applications typically include concentrating and desalting proteins from cell culture supernatants and fermentation broths. The high flux, low binding Millipore membranes used in these devices provide high protein retention and recovery.

Pellicon XL Devices are available with a choice of either Durapore PVDF membrane (microporous), Ultracel regenerated cellulose membrane (ultrafiltration) or Biomax polyehtersulfone membrane (UF), and membranes for concentrating and desalting from 100 milliliters to 2 liters of protein-containing solution. Compared to large stirred cell systems, Pellicon XL Devices offer better flow rates with less processing time. Additionally, the devices can be "docked" with the Labscale TFF pump system from Millipore without the need for tubing or clamps.

For more details, visit www.millipore.com/bioscience