Vial Sampling Kits for PFAS Analysis
J.G. Finneran Associates introduces new Convenience Kits for per- and polyfluoroalkyl substances (PFAS) testing. There is increasing evidence that exposure to PFAS can adversely affect human health. Because PFAS are widely used in materials such as polytetrafluoroethylene (PTFE), commonly used in chemical-analysis consumables, laboratories need new labware products to minimize background contamination from these chemicals.

J.G. Finneran Associates R.A.M. screw thread vials are purpose-designed for PFAS analyses. Manufactured from chemically resistant polypropylene, they are ideal for “PFAS-free” sampling, testing, storing, and transporting tasks. These lightweight vials are an economical alternative to glass and work in most autosamplers. When you are unable to use PTFE as a vial liner, J.G. Finneran Associates new polyimide/silicone-lined closure is the perfect alternative. This new closure operates up to 130°C, while the liner performs well up to 10 injections. The polyimide is amber translucent, and the white silicone rubber is a high-purity rubber composition resulting in low leachables. The new Convenience Kits for PFAS testing contain 100 R.A.M. screw thread polypropylene vials and 100 of the new closures/septa, packaged in a clear tray that fits a bench drawer for easy access.

J.G. Finneran Associates
For info: +1-856-696-3605
www.jgfinneran.com

Antigen Retrieval System
EZ-Retriever System is a microwave-based antigen retrieval pretreatment system invented by BioGenex. It is used for dewaxing, rehydration, and antigen retrieval of formalin-fixed, paraffin-embedded tissue sections to enhance exposure of antigenic epitopes. This system not only resolves inconsistencies due to different types of antigen retrieval methods by applying different maximum microwave power levels, solution volumes, and heating time, but also facilitates standardization of dewaxing and antigen protocols for high-quality, reproducible staining. Dewaxing, rehydration, and antigen retrieval are performed in one step. The system is high throughput and can handle 96 slides in 35 min.

BioGenex
For info: +1-800-421-4149
www.biogenex.com

Biosimilar Products for Research Use
AMS Biotechnology has launched a new range of research-grade biosimilars that enable analysis of biological processes without the need to purchase expensive therapeutic-grade biologics. Investigating the biological effects of a drug or doing proof-of-concept assay development requires a source for the drug. Typically, it is difficult to obtain original pharmaceutical-grade biotherapeutic drugs for research use rather than for clinical applications. Consequently, biological compounds almost identical to a reference biologic drug (biosimilars) that have been approved by governmental regulatory authorities for medical treatment are vital research tools. To develop an effective biologic drug, it is important to synthesize a reference antibody. A reference antibody can greatly facilitate the downstream development of a new biologic drug and can help identify critical cell lines, reagents, and performance characteristics. Our new range of biosimilar antibodies for research use avoid the need to source an expensive therapeutic product and enable fast, inexpensive assay development.

AMS Biotechnology
For info: +1-617-945-5033
www.amsbio.com/biosimilars

Lab Management Software
To meet new demands and overcome challenges in laboratories worldwide, Eppendorf offers smart lab management software solutions for laboratory management, such as the VisioNize Lab Suite, which enhance productivity for all routine tasks in the laboratory. VisioNize is the answer for effective lab management in the areas of remote monitoring, alarm notifications, device management, and task management. The service suite is continually updated, representing a sustainable investment in the laboratory of the future. The SARS-CoV-2 pandemic has a wide range of effects on laboratories across the globe, which include not only the current high volume of requests for PCR tests for the novel coronavirus, but also the challenges laboratories face in quickly adopting digital technologies to cope with the new norms of social distancing and remote work away from laboratory benches. These past months have proven that digitalization is central to every interaction—in the private realm as well as in business—and have fast-tracked the acceptance of digital solutions.

Eppendorf
For info: +1-800-645-3050
www.eppendorf.com/visioneer

Microfluidic Hydrogel Kit
Sphere Fluidics and ClexBio announce the launch of the biocompatible CYTRIX Microfluidic Hydrogel Kit. The kit combines ClexBio’s novel CYTRIX Hydrogel with Sphere Fluidics’ specially designed Pico-Gen double aqueous biochip, to allow plug-and-play generation of defined, reproducible, and tailorable hydrogel microstructures for 3D cell culture, organoids, single-cell analysis, and many other applications. This technology makes it possible for researchers to study valuable cells over weeks rather than days, in microenvironments that mimic the natural extracellular matrix. The CYTRIX Hydrogel overcomes the challenges of existing microfluidic hydrogel formation techniques, such as clogging, finicky temperature control, and time-critical mixing procedures. It offers cytocompatibility and microfluidic-optimized gelation kinetics, providing researchers with a cell-friendly solution to reduce the effect of harmful temperatures, pH changes, and use of UV light required for existing hydrogel formation techniques. The system enables efficient encapsulation of mammalian cells, bacteria, and other microorganisms in a homogeneous, defined extracellular matrix that supports cell viability.

Sphere Fluidics
For info: +44-(0)-1223-628890
spherefluidics.com/microfluidic-hydrogel

Electronically submit your new product description or product literature information! Go to www.science.org/about/new-products-section for more information.

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and governmental organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by Science or AAAS of any products or materials mentioned is not implied. Additional information may be obtained from the manufacturer or supplier.