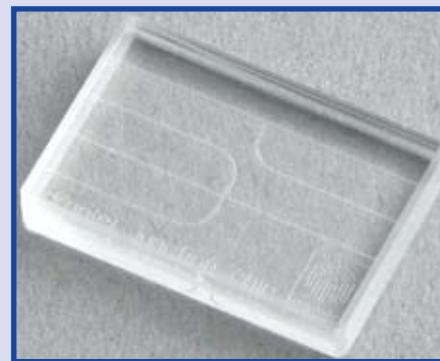


Microfluidic Device

The Mitos Droplet Junction Chip is a glass microfluidic device for droplet generation. With two droplet junctions, the chip is able to produce a high droplet yield while maintaining consistency in size. Compatible with the Mitos Chip Holder H for fast and reliable fluidic connection, the droplet junction chip is suitable for monodispersed droplet formation as well as emulsion formulation. Depending on several physical parameters, such as channel size, fluid viscosity, and miscibility, droplets are typically formed with a diameter from 80–120 μm . Between 100 and 3,000 droplets per second can be produced in a single channel. Droplet consistency is easily maintained throughout an application, for steady and reliable data.

Dolomite

For information +44-1763-242491
www.dolomite-microfluidics.com



GPCR Service

The AllostericProfiler service is aimed at researchers developing new drugs using G protein-coupled receptors (GPCRs). The service provides drug developers with cell-based assays to evaluate the functional selectivity of drugs against GPCRs. Although 40 percent of all marketed drugs are targeted to GPCRs, the similarity of GPCR binding sites coupled with saturated intellectual property around this chemical space have hampered GPCR drug discovery efforts. Increasingly, drug makers are instead focusing on novel allosteric GPCR sites to open up new chemical spaces, and this service is designed to help in that effort. The service allows researchers to screen the selectivity of their allosteric compounds for more than 150 GPCRs. Millipore can also provide custom services to help researchers identify new positive allosteric modulators of a GPCR target of interest.

Millipore

For information 800-548-7853
www.millipore.com/gpcr

Water Purification System

The Purelab flex Water Purification System combines contemporary design, performance, and flexibility. The system integrates in-hand monitoring and accurate pure water dispensing to make specialized applications in chemistry and life sciences research effortless. The hand-held dispenser has an easy-to-read digital display that shows both volume and water purity (either resistivity or conductivity and total organic carbon). The handset has precise fingertip control and requires minimal training to use. The dispenser is height-adjustable and the dispense point can be positioned to accommodate virtually any size of container.

Veolia Water Solutions & Technologies

For information +44-1494-887-500
www.purelabflex.com

2-D Electrophoresis Products

A suite of ready-to-use products is designed to improve data quality for two-dimensional (2D) electrophoresis experiments and to reduce costs and time for protein expression analysis. The products are fully compatible within differential in-gel electrophoresis (DIGE). The products include precast low fluorescent DIGE Gels and DIGE

Buffer Kit that improve gel-to-gel reproducibility; repackaged CyDye DIGE Fluo saturation and minimal dyes that better suit experimental designs; and reformulated immobilized pH gradient (IPG) buffer and IPG strips (Immobiline DryStrip gels) that improve spot resolution. These augment previously released 2-D Protein Extraction Buffers, IPGBox and DeCyder 2-D v7 software, which contribute to error reduction and optimization of the results in the 2D experimental workflow.

GE Healthcare

For information 800-526-3593
www.gelifesciences.com/2DE

Mouse Antibody Isotyping

Using the Pierce Rapid ELISA Mouse mAB Isotyping Kit, researchers can identify mouse immunoglobulin class, subclass, and light chain in about one hour. This rapid protocol is faster than traditional enzyme-linked immunosorbent assay (ELISA) kits but maintains a high signal-to-noise ratio. The assay accurately characterizes antibodies from hybridoma cell culture supernatants and ascites fluid, as well as purified antibodies. The kit features an eight-well strip format, with individual wells precoated with antimouse heavy-chain capture antibody or antimouse light-chain capture antibody. This eliminates the need to purify and immobilize an antigen for isotyping. Results can be assessed visually or measured quantitatively at 450 nm using a standard ELISA plate reader.

Thermo Fisher Scientific

For information 815-968-0747
www.thermo.com/pierce

High Throughput Screening Library

BioFocus DPI has added 350,000 new compounds to its screening library, so its high throughput screening platform now includes more than 900,000 unique compounds. The new compounds were selected to complement the existing library, applying stringent lead-likeness criteria in the selection process. The updated screening library allows customers to select optimal screening sets for hit-finding campaigns.

BioFocus DPI

For information +44-(0)-1799-533500
www.biofocusdpi.com

Electronically submit your new product description or product literature information! Go to www.sciencemag.org/products/newproducts.dtl for more information.

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