



Gel-Imaging System

The InGenius3 gel documentation system is ideal for laboratories looking for a versatile, budget-friendly platform to accurately image both DNA and protein gels. It features a 3-megapixel CCD camera integrated to a compact, light-tight darkroom, and overhead Epi-LED white lighting for perfect gel positioning. The small darkroom has a slide-out drawer that can accommodate UV, blue, and white lighting options, allowing users the flexibility to image fluorescent

and visibly stained gels. The system can be connected to the laboratory's choice of PC and is controlled by protocol-driven GeneSys software, which selects the best combination of filters and lighting available, making it easy to detect nanogram amounts of DNA and protein on gels of up to 20 cm x 20 cm.

Syngene

For info: 800-686-4407

www.syngene.com/gel-documentation-and-analysis-ingenius

Multispecies Toxicokinetic and Pharmacokinetic Kits

The Gyrolab Generic Toxicokinetic (TK) Kit adds to a growing menu of ready-to-use kits, and allows researchers to more efficiently quantify human therapeutic antibodies (IgG) in automated, nanoliter-scale Gyrolab xP and Gyrolab xPlore systems. The TK Kit complements the Gyrolab Generic Pharmacokinetic (PK) Kit, introduced in 2017 and based on the same reagents. The TK Kit addresses a higher concentration range than the PK Kit, making it more suited to toxicokinetic studies. Together, these kits more fully meet the needs of Gyrolab system users performing PK/TK assays in preclinical and clinical studies, and enable increased productivity, generating results in just 70 min. The two kits cover a combined range of 5 logs, minimizing dilution steps and repeats when performing human IgG quantification during early biotherapeutic development. They are designed for use with several species of preclinical animal models, including mouse and cynomolgus monkey.

Gyros Protein Technologies

For info: 800-477-6834

www.gyrosproteintechnologies.com

Protein Stain

InstantBlue is a ready-to-use Coomassie protein stain for polyacrylamide gels. Its unique mechanism of action stains proteins in 15 min, while leaving a clear background and eliminating the need to fix, wash, or destain. InstantBlue uses a one-step protocol and can be fully destained using standard procedures. Its acetic acid-free formulation doesn't methylate or acetylate protein during staining, making it fully compatible with mass spectrometry. InstantBlue is nontoxic and sink-disposable

due to its methanol-free composition. Other stains require solvent-disposal procedures and can require microwaving, which produces dangerous fumes. The lack of methanol also means no gel shrinkage. Only 25 mL per mini-gel allows you to use less of the product. InstantBlue will stain at least 40 mini-gels per bottle.

Innova Biosciences

For info: 855-466-6821

www.innovabiosciences.com

Single Quadrupole Mass Spectrometer

The Thermo Scientific ISQ EC single quadrupole mass spectrometer seamlessly integrates with ion chromatography or liquid chromatography systems, so both novices and experts can quickly master mass spectrometry (MS) and get more information from every sample. Embedded in the spectrometer's instrument control is the Chromeleon Chromatography Data Software (CDS) platform, which enables users to minimize time spent on new MS user training. The ISQ EC also provides exceptional robustness, enabling users to analyze a range of simple and complex sample matrices.

Thermo Fisher Scientific

For info: 800-955-6288

www.thermofisher.com

SLE Microplate

Porvair Sciences' easy-to-use 96-well Supported Liquid Extraction (SLE) microplate is designed for high-recovery extraction of analytes from biological fluids such as blood, plasma, and serum. SLE is a separation technique in which the aqueous sample is immobilized on an inert support (such as diatomaceous earth), and the organic phase flows through the support, eliminating problems such as emulsion formation. The plate provides fast, reproducible, and economical sample cleanup when used with a simple vacuum manifold or positive pressure device. Its proprietary frit technology ensures samples will not drip or break through until the pressure or vacuum devices are applied, allowing longer dwell time in the plate wells. The SLE plate is the perfect sample cleanup device for physiological fluids prior to analysis by liquid chromatography/mass spectrometry. It has also been particularly helpful to environmental, food, and textile labs involved in sample cleanup prior to analysis.

Porvair Sciences

For info: +44-(0)-1978-666222

www.porvair-sciences.com

Double-Staining Immunofluorescence Kit

The VectaFluor Duet kit offers convenient, ready-to-use immunofluorescence double labeling. This kit is ideal for use on a wide range of frozen and FFPE tissue samples, combining primary and secondary antibodies to significantly streamline workflow. The kit includes a secondary reagent to detect mouse and rat primary antibodies with green and red DyLight fluorescent dyes and a normal blocking serum. With VectaFluor Duet, one protocol replaces several and reduces preparation time—in some cases by as much as a day or more.

Vector Laboratories

For info: 800-227-6666

vectorlabs.com

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