

Gel Documentation System

The HeroDoc Plus is a compact system for imaging gels and blots. The compact darkroom/hood assembly will sit comfortably on any laboratory bench within its small footprint. A unique lift-up hood and a built-in ultraviolet (UV) protection shield enable the user to do preparative work easily and safely. Should the user wish to raise the shield, an automatic cutoff switch will provide protection from any harmful effects of UV light. A high-sensitivity charge-coupled device (CCD) camera combined with a distortion free, software-controlled lens, ensures quality image capture from 10 ms up to 60 minutes. This is more than adequate for most fluorescent gel and blot image capture. Illumination comes from a massive 28 cm × 22 cm filter midrange transilluminator, while built-in white and blue light-emitting diodes (LEDs) provide epi-illumination as standard. Multilanguage, Herostore image capture and control software effortlessly enables the user to acquire images of their gels and blots.

Herolab

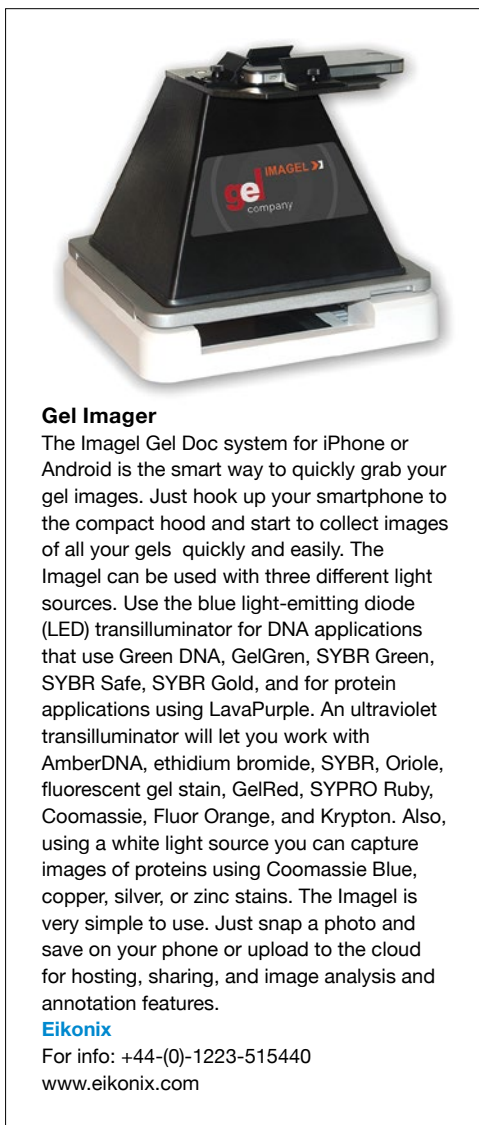
For info: +49-(0)-6222-5802-0
www.herolab.com

Noise-Free Microscope Camera

With the new Olympus UC90 microscope camera, it is now possible to maximize the information captured from life and materials science samples with ease and simplicity. The UC90 excels in capturing and documenting real-life details, while a 4K ultrahigh definition (UHD) mode supports scientists in overcoming the limitations of the oculars with the many benefits of complete on-screen operation. In-depth sample analysis is achieved without compromise, with the UC90's 9-megapixel, 1-inch charge-coupled device (CCD) color sensor. This not only provides a large field of view covering nearly all the sample area normally observed through the oculars, but the high resolution in combination with perfect color reproduction also retains the sample's every detail. Without the need to switch objectives to capture large sample structures, monitor operation is fast and efficient, allowing quick creation of detailed images that are ideal for documentation and accurate retrospective analysis.

Olympus

For info: +49-(0)-40-23773-5913
www.olympus-lifescience.com



Gel Imager

The Imager Gel Doc system for iPhone or Android is the smart way to quickly grab your gel images. Just hook up your smartphone to the compact hood and start to collect images of all your gels quickly and easily. The Imager can be used with three different light sources. Use the blue light-emitting diode (LED) transilluminator for DNA applications that use Green DNA, GelGren, SYBR Green, SYBR Safe, SYBR Gold, and for protein applications using LavaPurple. An ultraviolet transilluminator will let you work with AmberDNA, ethidium bromide, SYBR, Oriole, fluorescent gel stain, GelRed, SYPRO Ruby, Coomassie, Fluor Orange, and Krypton. Also, using a white light source you can capture images of proteins using Coomassie Blue, copper, silver, or zinc stains. The Imager is very simple to use. Just snap a photo and save on your phone or upload to the cloud for hosting, sharing, and image analysis and annotation features.

Eikonix

For info: +44-(0)-1223-515440
www.eikonix.com

recombinant proteins and antibodies needed for early-stage biopharmaceutical development activities. CHO cells are the most prevalent platform used for commercial production of biopharmaceuticals and are therefore viewed as preferential hosts for TGE. The challenge has been in obtaining protein yield of sufficient quantity and quality, leading many scientists to focus on human embryonic kidney (HEK) 293 cell transfection. The ability to obtain gram-scale yields by transient transfection in CHO cells is a real step forward toward cutting costs and development time for biotherapeutic research.

Irvine Scientific

For info: 800-577-6097
www.irvinesci.com

Plant Nucleic Acid Extraction Kit

The GF-1 Plant DNA extraction kit is designed for rapid and efficient purification of genomic DNA from a wide range of plant tissues. The purification is based on the usage of denaturing agents to provide lysis of tissue cells, denaturation of proteins, and the subsequent release of genomic DNA. Special buffers provided in the kit are optimized to enhance binding of DNA onto a specially treated glass filter membrane for efficient recovery of highly pure genomic DNA. The GF-1 will give yields of up to 20 µg of DNA. The genomic DNA is ready to use for routine molecular biology applications such as restriction enzyme digestion, polymerase chain reaction (PCR), Southern blotting, and DNA fingerprinting. Each kit contains buffer, wash buffer, elution buffer, and proteinase K.

Vivantis

For info: +44-(0)-1223-515440
www.vivanttechnologies.com

Large-Scale Transient Transfection Medium

BalanCD Transfectory CHO is a cell culture medium for rapid, scalable production of recombinant proteins through transient transfection in Chinese hamster ovary (CHO) cells. The new medium is chemically defined, animal component free, and specifically designed to support sustained high growth with increased transfection efficiency that can yield gram-scale protein expression. Transient gene expression (TGE) has evolved into a cost-effective, rapid alternative to stable cell-line engineering for the production of

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