

RESOURCES

NEW PRODUCTS

Imaging



Seeing gels

The DigiPix 1260 Digital Imager from Ultralum (Paramount, CA) is a complete digital gel storage, visualization, and analysis system with full UV and visible-image capabilities. It features a digital camera with over 1.2 million pixel resolution, color or monochrome imaging, and a 6:1 zoom lens. Each system also includes image enhancement software for PC or Macintosh computers as well as analysis software.

<http://www.ultralum.com>

RIN: 1211



Sensitive analysis

Fuji Photo Film Co. (Tokyo) has introduced the LAS-1000plus, its latest ultrasensitive, electronically cooled CCD camera, luminescent image analyzer. It can capture chemiluminescent, chemifluorescent, or fluorescent images of samples up to 25×25 cm at a 1.3 million pixel resolution, and exposure times of as long as 60 min and 14-bit data handling allow for ultrasensitive, high quantitative image analysis.

<http://home.fujifilm.com/info/products/science/index.html>

RIN: 1212

Scanning densitometry

NucleoTech's (San Mateo, CA) NucleoVision 640 scanning densitometry system is



designed to accurately document, quantitate, and archive samples including PAGE and 2D gels, high-density arrays, x-ray films, and photographic prints. It features high-speed, single-pass scanning technology with full 12-bit pixel depth and a dynamic range of up to 3.0 OD, and an 8.5×14 inch scanning area for a variety of biological assays. The included GelExpert software provides integrated tools for image acquisition, archiving, analysis, and publication.

<http://www.nucleotech.com>

RIN: 1213



Imaging workstation

DataCell's (Hampshire, UK) Mirager-Pro system is a complete imaging workstation for research and applications development. Based on high-quality imaging software and PCI acquisition modules, features include seamless data exchange to Microsoft Excel and an image database, the ability to record repetitive tasks to a macro, and up to 64-bit image capability. Mirager-Pro provides full color support and has utilities for particle size distribution, material phase measurement, motion analysis, and volumetric measurement with display.

<http://www.datacell.co.uk>

RIN: 1214

Cell and tissue culture

Cell growth substrate

BIOCOAT Gelatin Cellware from Becton Dickinson Labware (Franklin Lakes, NJ) is a cell attachment and growth-promoting sub-

strate for the culture of vascular endothelial, muscle, embryonic stem, and F9 teratocarcinoma cells. Its convenient and ready-to-use format offers reliable performance and lot-to-lot consistency, and is stable for 12 months when stored at room temperature.

<http://www.bd.com/labware>

RIN: 1215



Incubator space

Forma Scientific (Marietta, OH) offers the Model 3950 reach-in incubator with microprocessor control/monitoring system. With 145.8 ft² of usable culturing space, precise temperature and CO₂ control, alarm contacts for remote monitoring of chamber conditions, and a heated glass door that minimizes condensation, this incubator is ideal for clinical and microbiological applications.

Tel: 1 800 848 3080

RIN: 1216

Serum-free medium

JRH Biosciences' (Lenexa, KS) Ex-Cell 525 defined, serum-free medium has been specifically designed and optimized for the PER.C6 cell line. Ex-Cell 525 allows for easy adaptation and high-density suspension cultures, with reported adenoviral vector yields of 5×10⁴ particles per cell. It contains no proteins of animal origin and only very low levels of recombinant proteins. The PER.C6 cell line can be transferred directly into Ex-Cell 525 with little or no adaptation, and has demonstrated reproducible serum-free growth over extended passages (>25). PER.C6 cells grown in PER.C6 have achieved culture cell densities from 2.5×10⁶ cells/ml (perfusion cultures) while maintaining high cell viability (>80%). Ex-Cell 525 is available in liquid medium and dry powder medium.

<http://www.jrhbio.com>

RIN: 1217