

New Products

**Gel Band Excision**

The GelX tips are a new range of disposable gel excision tips designed to provide a cleaner, simpler, and quicker method for removing bands from agarose and protein gels without the need for scalpels. GelX tips allow complete single-handed operation throughout the gel excision process through “Press and Go” gel band excision, push-button gel release, and push-button tip release. Users simply fit the GelX tip to a 1000 µl pipette, select the gel band, then press the tip into the gel. The gel slice is neatly extracted into the tip, and from there injected into a tube or other container. The used tip can then be ejected and disposed of. GelX tips are autoclavable and free of deoxyribonuclease and ribonuclease.

Cleaver Scientific

For information +44 (0) 1788 565 300
www.cleaverscientific.com

Horizontal Gel Electrophoresis Unit

The HU15 standard horizontal gel electrophoresis unit features the popular gel tray size of 15 cm by 15 cm with additional casting options for versatility. Comb options range from 1 to 30 samples and four comb slots at 3.5-cm intervals provide fast separation of up to 120 samples. The HU15 system consists of the standard horizontal gel unit with a removable casting tray, casting gates, two 1-mm thick 16-sample combs, colored loading strips, and buffer recirculation ports. HU15 casting options are provided by the casting gates with integral silicone seals or 15-cm long Scie-Plas Super Seals, which enable the gel length to be tailored to particular requirements. The choice of 30 different combs includes multichannel pipette-compatible combs with a maximum 30-sample throughput and preparatory combs for scaling up nucleic acids for cloning.

Scie-Plas

For information +44 (0) 1926 814093
www.scie-plas.com

Faster Real-Time PCR

The QuantiFast product line features a novel, proprietary technology that significantly reduces processing times of real-time polymerase chain reaction (PCR). The kits feature faster results with time savings of up to 60 percent; one procedure for all standard and fast cyclers; specific and sensitive detection of low-copy targets; accurate detection of a wide range of template amounts; and optimized master mixes and protocols. The kits are compatible with all commercially available thermocyclers and existing PCR assays without requiring complex adaptations. Kits include SYBR Green PCR Kit, available in one-step, two-step reverse transcription (RT) PCR, and one-step RT-PCR formats, and Probe PCR Kits, available in one-step and two-step RT-PCR formats.

Qiagen

For information +49 (0) 21033-16410
www.qiagen.com

Multiplex Toxicity Screening

The GenomeLab GeXP Rat MultitoxPlex Kit for preclinical drug research screening contains 25 genes involved in key toxicological pathways, including toxicity, stress, DNA damage, and apoptosis. It also includes three reference genes and one internal standard. Designed for use with the GenomeLab GeXP Genetic Analysis System, the kit delivers multiplexed quantitative analysis from hundreds of samples at one

time. The assays run in a 96-well plate format, providing a quick way to screen large compound libraries, and with up to 30 genes analyzed in one reaction. Researchers can add their own genes of interest to the panel. The GeXP technology is designed to fill the gap between whole genome microarrays and single-gene real-time PCR. The kit contains a control RNA to verify the accuracy of the assay and is used with a Start Kit containing all the necessary buffers and reagents.

Beckman Coulter

For information 714-993-8955
www.beckman.com

AdenoSilence Vectors

A new line of adenoviral small-hairpin (sh) RNA expression vector reagents target the human druggable genome. The new release includes all the major protein classes amenable to small molecule intervention, including kinases, G protein-coupled receptors, ion channels, proteases, nuclear hormone receptors, secreted proteins, and receptors. Available in three sequence variants, the vectors allow single-step delivery of shRNA through the direct application of the virus supernatants into a primary cell culture, thereby making additional transfection reagents or complex transfection protocols unnecessary. A replication-incompetent version of the human adenovirus is used to introduce shRNA into a broad range of primary cells that decrease the expression of the targeted genes, with the gene of interest typically silenced for more than 10 days. This extended knockdown duration supports longer term assay protocols, such as differentiation assays.

Millipore

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

Biomarker Discovery Software

Genedata Expressionist Pro 4.0 is a fully scalable data management and analysis platform for biomarker discovery. The program integrates data from a variety of applications, such as genomics and proteomics, which Genedata refers to as “cross-omics” technologies, into a single computational system. A major challenge in biomarker discovery is integrating a variety of “omics” data, including transcript profiles generated from different microarray technologies and protein and metabolite profiles obtained from mass spectrometry. These data must be combined to understand the biological processes at different functional levels, and the Expressionist platform automates this integration process and standardizes the way results are placed in context.

Genedata

For information +41 61 697 8510
www.genedata.com

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