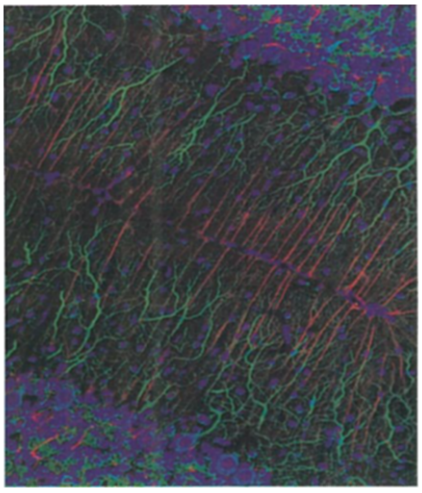
Product News

Novel kits provide bright three-colour images



A new easy-to-use method of tissue labelling in confocal microscopy now produces bright three-colour images, reducing the time needed to develop individual multicolour methods. Especially suitable for neuronal tissue, the **Landmark™ 3-Colour Labelling Kits** from **Bio-Rad** may also be used for localising proteins in virtually any type of tissue. The simple method produces distinct bright labelling, which is colour balanced for confocal microscopes equipped with Kr/Ar laser lines. The clarity of colour is achieved by the use of easily visualised fluorescent dyes, with wavelengths selected for minimal cross channel bleed-through. The kits can be tailored to individual requirements, offering a flexible approach to labelling and detecting target proteins. For example, if a scientist needs to use their own primary antibody, the kit can be supplied with either anti-rabbit or anti-mouse fluorescein-labelled secondary antibodies. Potential applications of the kit are relevant to many scientific fields.

Circle number 1 on reader response card.

New disposable filter funnel

Available from **Whatman International**, the new **AutoCup™** disposable filter funnel provides convenient and easy means of filtering a vast range of aqueous solutions in the laboratory. The funnel features a moulded polypropylene cup of 20 ml capacity, with 4.7 cm^2 filtering area. The sample is simply inserted into this cup and filtered — under vacuum or in conjunction with automated filtration processing machinery. The AutoCup can be used to filter a variety of solutions, including weak or dilute acids, bases or aliphatic alcohols.

Circle number 2 on reader response card.

Electron gun option

Hitachi Scientific Instruments have introduced an **LaB_6 electron gun option** for the Windows-controlled S-3500N variable-pressure scanning electron microscope (SEM). This high- brightness electron source offers improved spatial resolution of 3.0 nm in normal vacuum SEM mode, and 4.5 nm in high-pressure mode. The new system is supplied complete with dedicated ion pump for the gun itself, and the automatic chamber pressure adjustment system of the S-3500N ensures that there is no degradation of column vacuum when the SEM is used in variable-pressure mode.

Circle number 3 on reader response card.

In Brief

Robotic sample processors for PCR genotyping

PCR genotyping is quicker with the **Tecan Genesis Robotic Sample Processor** (RSP), because it sets up virtually error-free PCR reactions. Without automation, the repetitive nature of the work can lead to pipetting errors and the need to repeat tests. Users of the RSP can spend their time more profitably and productively analysing and interpreting PCR results.

Circle number 4 on reader response card.

Ascent software upgrade

The new Ascent software can handle all assays with ease. Designed and developed by **Labsystems**, the **Ascent 2.1** offers an open approach to assay setup as well as allowing the user to view the results however they want. This flexible software can be used with fluorometric, luminometric and photometric instruments. Latest additions to the Ascent software include Effective Kinetic Processors, Report Whizz, Design Tool and Robotic Integration. The software can support both research and specific routine laboratory tasks.

Circle number 5 on reader response card.

Refrigerated table-top centrifuge

The **Megafuge 2.0 R**, a refrigerated table-top centrifuge from **Heraeus Instruments**, is now available with a complete set of accessories. The equipment is designed for routine separation tasks in the laboratory, for instance the centrifugation of blood sample tubes. With its large capacity, two litres in total, the Megafuge is suitable for serial analyses, such as seriological and cytological investigations, blood fractionation and radio-immune assays. An optional safety trolley on rollers converts the centrifuge into an under-bench model. The additional built-in drawer ensures that accessories are always to hand.

Circle number 6 on reader response card.

Epitope tagging range extended

Boehringer Mannheim has launched a new **Multi-Tag Marker** – a set of protein molecular weight markers for all immunoblotting and immunoprecipitation applications. The product enables researchers to visualise the molecular weight marker using an anti-tag or fusion protein antibody without additional staining with silver or Coomassie blue. The versatile premixed set is offered as a stabilized, ready-to-use solution with recombinant marker proteins in exact sizes of 10, 20, 30, 45, 75 and 100 kDa. The company is also further extending its gene expression and epitope tagging products with a range of bacterial and mammalian expression vectors.

Circle number 7 on reader response card.