



High-Performance Refractive Index Detector

Testa Analytical Solutions offers optimized versions of its proprietary Differential Refractive Index (DRI) Detector under OEM contract to enhance the performance of both high-performance liquid chromatography (HPLC) and gas permeation chromatography/size exclusion chromatography (GPC/

SEC) systems. Its DRI Detector and DRI Detector Kits present a wide range of options in terms of light source, electronics, and firmware solutions. This means it can be readily adapted to fit the requirements of any third-party HPLC or GPC/SEC system. The DRI detector will improve the accuracy and reliability of your chromatography system when determining absolute concentration and total mass balance. Operating from room temperature up to 80°C with an outstanding thermal stability, the DRI detector also offers unsurpassed baseline stability and fast setting. Its sensitivity makes it the perfect RI detector to integrate into modern GPC/SEC and HPLC systems and to achieve peak performance even in the most challenging applications.

Testa Analytical Solutions

For info: +49-(0)-30-864-24076
www.testa-analytical.com

NMR Systems

Analytik has launched a range of benchtop time-domain nuclear magnetic resonance (TD-NMR) systems. With frequency options ranging from 7.5 MHz for samples with large diameters, to the unparalleled MQ60 with 60-MHz operating frequency, an optimized Minispec MQ (multiple quantum) system is available for most low-resolution NMR applications. Examination of living mice, rats, and small animals using Minispec LF (low field) series TD-NMR systems has set a new standard for longitudinal studies that aim to study changes in fat tissue, lean tissue, and free fluid composition over time. This instrument is proven to provide fast, noninvasive measurements with reduced animal stress. The Minispec MQ-one series of TD-NMR analyzers has been developed to provide off-the-shelf solutions for a growing range of routine quality control applications, including solid fat content analysis, oil seed analysis, spin finish analysis, and polymer analysis. These dedicated applications analyzers are simple to install (operational within 30 s), have easy-to-use, traceable, multilingual software, and come with calibration transfer standards.

Analytik

For info: +44-(0)-1954-232776
www.analytik.co.uk

Heparan Sulfate Antibodies

AMS Biotechnology offers a comprehensive range of high-quality heparan sulfate (HS) antibodies from F69-3G10, F58-10E4, and JM403 clones, which have proven ideal for targeted binding of HS in heparan sulfate proteoglycans (HSPG) research. HS is synthesized as the glycosaminoglycan component of HSPGs, and is expressed on the cell surface of virtually all cell types and basement membranes in mammals. HS displays specific interactions with many biologically active proteins, and thus is involved in many important biological processes. The nonimmunogenic character

of HS makes this type of antibody difficult to raise, so the few existing hybridoma-derived mouse anti-HS antibodies, such as 3G10, 10E4, and JM403, are valuable tools for HS research. Using multiple HS antibodies that recognize subtle differences in HS patterning can be useful in applications such as flow cytometry, allowing multiple cell types to be directly compared.

AMS Biotechnology

For info: 800-987-0985
www.amsbio.com

EV Labeling Kit

If you're interested in finding out just where your extracellular vesicles (EVs) go, or would like to label EVs for fluorescent nanoparticle analysis or flow cytometry, Systems Biosciences has a range of options: ExoGlow-Vivo for tracking EVs in vivo; ExoGlow-Protein, -RNA, and -Membrane for tracking EVs in cultured cells; ExoGlow-NTA for fluorescent nanoparticle tracking analysis; ExoFlow-ONE for characterizing EVs using flow cytometry; and Exosome Cyto-Tracers to create GFP- or RFP-tagged exosomes. Take your EV visualization to new levels of clarity and obtain low background and high selectivity with our exosome labeling kits.

System Biosciences

For info: 888-266-5066
www.systembio.com

Lentivirus Titer Determination Kit

Gyros Protein Technologies introduces the Gyrolab p24 Kit, for lentivirus titer determination in lentivirus vector manufacturing. This kit adds to the company's wide range of ready-to-use kits and Gyrolab Bioaffy CDs, which are used by scientists and bioengineers in the rapidly growing cell and gene therapy market, where lentivirus vectors are commonly employed to transport therapeutic genes. The p24 Kit offers high-throughput and automated analyses that produce results 24 times faster than ELISA, accelerating lentivirus bioprocess workflows and reducing time to market. The kit also enables high-quality data to be generated from small sample volumes, requiring 10 times less sample than ELISA. Additionally, minimal matrix interference reduces the need for dilution, increasing sensitivity and accuracy.

Gyros Protein Technologies

For info: 877-433-9400
www.gyrosproteintechnologies.com

Flow Chemistry Modules

Uniqsis offers an extensive range of individual flow chemistry modules that can be used on any flow chemistry system. These convenient, high-quality, plug-and-play modules have been designed to enable researchers to configure a flow chemistry system to precisely meet their needs. They include a comprehensive range of coil reactors and column reactors for homogeneous and heterogeneous reactions; static mixer blocks for fast, efficient mixing; a choice of cooling modules for subambient reactions; high-performance photochemical reactors; real-time UV-vis detectors; and external pumps for additional reagent channels. All Uniqsis coil reactor modules may be converted to multiposition column reactors by fitting the HotColumn adaptor. This configuration is ideal for studying catalysis applications utilizing up to six fixed-bed reactor columns. Columns are available in a range of sizes in either glass or stainless steel.

Uniqsis

For info: +44-(0)-845-864-7747
www.uniqsis.com

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