PRODUCTS & MATERIALS

Carbon Fiber Potentiostat
The MicroC is a carbon fiber potentiostat for in vivo and in vitro electrochemical analysis. Together with carbon fiber electrodes, it measures oxidizable biological compounds such as epinephrine, norepinephrine, dopamine, serotonin, ascorbic acid, and more. This low-noise instrument detects redox currents ranging from 1 pA to 2 μA while holding the working electrode at a constant voltage. The instrument's rise-time of less than 1 ms is especially useful in the study of neurotransmitter release. An output connector permits direct connection to a chart recorder, oscilloscope, or computer-based data acquisition system. World Precision Instruments. Circle 139.

Immobilizing Membrane
The Immunodyne ABC membrane is designed to covalently immobilize polyclonal and monoclonal antibodies, enzymes, peptide antigens (purified or genetically engineered), and amineterminated oligonucleotides. This nylon membrane provides a greater binding capacity for proteins than traditional nonporous solid phase surfaces. In addition, the membrane covalently binds proteins, so immobilized protein molecules cannot be washed away from its surface. The membrane is well suited for fabrication into in vitro immunodiagnostic and other assay products ranging from high volume automated systems to single use test kits. Pall. Circle 140.

DNA Extraction Kit
The SurePure DNA Extraction Kit purifies, concentrates, and desalts single-stranded and double-stranded DNA from agarose gels or solutions. The kit makes use of a silica matrix that reversibly binds DNA that is immediately ready for downstream applications. The kits can also be used to purify DNA from enzymatic reactions such as restriction digestion, ligations, and labeling reactions. Embi Tec. Circle 141.

Software Inserts Chromatography Data
ChromKeeper software allows users to insert chromatographic data into word processors, spreadsheets, and database files as object linking and embedding (OLE) objects. The chromatograms can be edited inside reports, presentations, or papers with tools designed for working with the data. For example, while in Microsoft Word and other applications, users can edit graphics simply by double-clicking on the image. The ChromKeeper tools appear and the user can then make the desired changes. OLE saves time because there is no need to convert graphics into another file format before inserting them into a document. SoftShell. Circle 142.

Transfection Reagent
LipoTAXI reagent is a novel liposome reagent that offers several advantages for transfection studies. It combines transfection efficiency with minimal cellular toxicity.

Epicentre's new Fast-Link™ DNA Ligation & Screening Kit greatly reduces the time necessary to clone DNA fragments and identify recombinants.
- Fast & Easy Ligation. DNA with restriction enzyme-generated cohesive or blunt ends are ligated in just 5 minutes. PCR products with 3' A-overhangs are ligated in 1 hour.
- Fast & Easy Screening. Using the exclusive Fast-Link In-Well Gel Screening reagents & protocol, colonies containing recombinant plasmids can be identified quickly without the need to grow cultures or perform minipreps.
- High Transformation Efficiencies. The Fast-Link Kit yields more transformants with a lower background.

Fast-Link™ Representative Results.

<table>
<thead>
<tr>
<th>Ligation Time</th>
<th>% White Colonies</th>
<th>Recombinants per μg DNA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overhang 5 min.</td>
<td>93</td>
<td>2.0 x 10⁶</td>
</tr>
<tr>
<td>Blunt 5 min.</td>
<td>71</td>
<td>4.4 x 10⁵</td>
</tr>
<tr>
<td>PCR product 1 hr.</td>
<td>68</td>
<td>1.2 x 10⁴</td>
</tr>
</tbody>
</table>

Call for further information on the Fast-Link Kit.
If you are not satisfied with any Epicentre product, we will refund your money.

EPICENTRE TECHNOLOGIES
800-284-8474
...when you need to be sure of the quality

Outside the U.S. contact the distributor in your country, or call 608-258-3080 or fax 608-258-3088.
E-mail: techhelp@epicentre.com
World Wide Web: http://www.epicentre.com
Circle No. 17 on Readers’ Service Card
The LipoTAXI reagent yields consistently high transfection efficiencies (>8 in 10 cells), a tenfold increase over calcium phosphate/diethylaminoethyl mediated transfection in many lines. It has been shown to be effective in more than 20 cell lines and primary cultures. Stratagene. Circle 143.

Autofluorescent Proteins
Autofluorescent Proteins are blue, green, or red tools for multiple tagging of fixed or living material for real-time assays of different target proteins. The assays can be performed simultaneously because there is no overlapping between excitation and emission spectra. Quantum Biotechnologies. Circle 144.

Eye and Head Movement Measuring System
The capabilities of the EyeTrace (ober2) system for measurement of rapid, binocular horizontal and vertical eye movement have been improved. The system can now be used in the fields of nuclear magnetic resonance magnets and remote operation is possible with extension cables of up to 50 feet. Special goggles are available for babies, infants, and other primates. It is also available with a low-cost head locator that measures head position, rotation, and tilt. Permobil Meditech. Circle 145.

Confocal Imaging System
The Meridian/TR Series is a laser scanning confocal imaging system designed with both an inverted microscope and the optimal efficiency of a single mirror path. With up to five detectors, in conjunction with up to four simultaneous excitation lines, the series offers outstanding axial resolution and image quality with software based on Windows 95. Meridian Instruments. Circle 146.

Literature
Automated, Sanitary Process Chromatography Systems highlights the K-Prime 40 series of bioseparation systems. They provide flexible operations and built-in scalability with minimum effort for lab development applications and manufacturing. Amicon. Circle 147.

Nucleotide Photoaffinity Probes is a brochure on these products for life science research. Most of the probes are available unlabeled or labeled with 32P. The purity of each product is determined by spectral analysis, thin-layer chromatography, and actual use in photolabeling applications. Research Products International. Circle 148.

Savant Instruments and Accessories is a catalog of vacuum concentration and drying equipment, including deep vacuum pumps, oil-free gel drying equipment, refrigerated vapor condensation traps for vacuum pump protection, equipment for freeze drying samples, and more. Savant Instruments. Circle 149.

Vistra Fluorescence Reagents is a data sheet on reagents for chemifluorescent detection of membrane-bound proteins using either mouse or rabbit alkaline phosphatase conjugates. The sheet includes an explanation of the principles of chemifluorescent detection. Molecular Dynamics. Circle 150.
Products & Materials

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