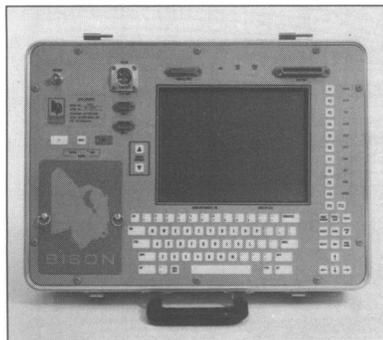


Plasmid DNA Kit

Circleprep Large cartridges isolate plasmid DNA from 1-liter cultures in about 1 hour. The kit is designed to recover milligram quantities of pure plasmid DNA without the trouble and mess inherent in scaling up midi-prep isolations. Plasmid quality is comparable to cesium chloride preparations. Bio 101. Circle 85.

Rugged Portable Computer

The Bison Explorer 486 is a portable IBM-compatible computer designed to work in outdoor and in vehicular applications. It comes in a 21-pound, weather-



resistant package with an integral sealed keyboard and 12-volt power supply. It features a gray-scale, backlit transmissive liquid crystal display screen with a connector for an external color monitor, up to 1 gigabyte of internal disk storage, a 3.5-inch, 1.44-megabyte floppy disk in a sealed bay, two AT expansion slots, a sealed tactile keyboard, a connector for an external keyboard, a parallel port, and two serial ports. Bison Instruments. Circle 86.

Graphing Software

RPlot Verson 2.00 is an upgrade of a software program for direct plotting of scientific and engineering results. In addition to being a tool for quick visualization of

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data, the program can produce publication-quality figures. A new curve-fitting capability includes options for cubic spline interpolation and nonlinear least-squares fitting using a unique rational function model. RPlot runs on an IBM PC, XT, AT, PS/2, or compatible computer with 256K random access memory; a CGA, EGA, VGA, or Hercules video adapter; and an MS-DOS version 3.0 or higher. An ASCII text editor must be used in conjunction with the program, and a math coprocessor is recommended. RSoft Inc. Circle 87.

Antibody Isotyping and Testing

Several manufacturers offer products for monoclonal antibody isotyping and testing:

The ISOTYPE Ab-STAT instrument-free enzyme immunoassay allows determination of mouse monoclonal antibody class and subclass in 5 min. SangStat Medical Corp. Circle 88.

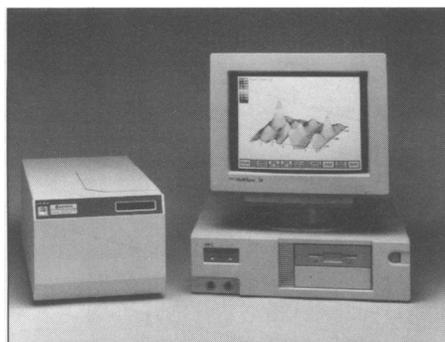
The Human Ab-STAT and Mouse Ab-STAT kits are 10-min, membrane-based enzyme immunoassays for testing human and mouse antibody reactivity against antigens of the user's choice. SangStat Medical Corp. Circle 89.

The Sigma ImmunoType Kit for mouse monoclonal immunoglobulin isotyping consists of a precoated antigen capture strip and reagents for color development using a biotin detection system. Sigma Immunochemicals. Circle 90.

The Serotec Isotyping Kit identifies the class and subclass of mouse or rat monoclonal antibodies in tissue culture supernatants in 1 hour. Serotec. Circle 91.

Diode Array Detector

The L-4500 Diode Array Detector for liquid chromatography is a personal computer-based instrument that includes software not only for normal data reduction but also for system suitability, peak purity testing, spectrum library functions, full system



control, and customized reporting. Detection levels are in the low parts per billion range. Wavelength range is 190 to 800 nm. Hitachi Instruments. Circle 92.

Polyclonal Antibodies

A rabbit polyclonal antibody can be used in protein immunoblotting experiments to detect 0.1 ng of the inflammatory cytokine mouse interleukin-1 β . BioSource International. Circle 93.

A sheep polyclonal antibody to epidermal growth factor receptor has good binding characteristics for immunoprecipitation of the receptor protein, while leaving the mechanism of signal transduction (tyrosine kinase) intact. Fitzgerald Industries International. Circle 94.

Pulse-Free Electrophoresis Pumping

The Ministaltic Pump produces uniform pulse-free liquid flow rates from 10 to 1600 ml/min with a single pump head. It is designed for gel formation and circulation, buffer circulation, and temperature control in the electrophoresis process. It is suited for procedures requiring constant operation such as continuous flow dialysis and vascular animal and organ perfusions. Manostat Corp. Circle 95.

Literature

How to Choose Papers for Test Kits and Devices provides technical information on selecting the proper filter paper for diagnostic and analytical test devices. Schleicher and Schuell. Circle 96.

DATAPLATE 300 Series Digital, Programmable Constant Temperature Circulators and Baths is a four-page brochure. PMC Industries. Circle 97.

Nalgene Labware 1992 is a 187-page compilation of product, pricing, and technical information that includes more than 50 new products. Nalge Co. Circle 98.

SterilGARD 2.5, a compact, bench-top Class II, Type A/B3 vertical, laminar flow biological safety cabinet, is the subject of an eight-page brochure. Baker. Circle 99.

Monitor & Record is a 12-page brochure describing an 8- to 32-channel recorder whose features include 64 event and 34 annotation channels, a built-in monitor, signal conditioning, a 3.5-inch floppy disk drive, a 120-megabyte internal hard disk drive, 32 megabytes random access memory, and chart speeds up to 500 mm/s. Astro-Med. Circle 100.

Science

Products & Materials

Science **255** (5052), 1758.
DOI: 10.1126/science.255.5052.1758

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