

### Monoclonal Antibodies

The Diversi-T  $\alpha\beta$  Screening Panel 1A is the first collection of monoclonal antibodies to human T cell antigen receptor variable region epitopes. The panel consists of seven monoclonal antibodies for use in investigating the roles of T cells in rheumatoid arthritis, cancer, and viral infections. T Cell Sciences. Circle 510.

Mouse anti-rat natural killer cell monoclonal antibody recognizes and reacts with all rat natural killer cells, large granular lymphocytes, and neutrophils. Rat monoclonal antibody to the mouse f4/80 antigen, a maturation marker for macrophages in bone marrow culture, is also available. Bioproducts for Science. Circle 511.

### Kit for Automated DNA Extraction

Applied Biosystems has introduced a DNA extraction kit (part number 401010) for use with its model 340A nucleic acid extractor. The model 340A, introduced in 1986, is an instrument-reagent system that automates DNA and RNA extraction through the interaction of hardware, software, and chemistry. The new kit further simplifies the extraction process by enabling the researcher to purchase with one part number the necessary supplies for up to 150 extractions. The chemistry is based on phenol-chloroform methods. Applied Biosystems. Circle 513.

### Right-to-Know Bottles and Labels

Nalgene Right-to-Know Safety Wash Bottles and PolyPaper Labels incorporate Department of Transportation, National Fire and Safety Protection Association, and Occupational Safety and Health Administration Hazard Code Communication Regulation codes and symbols in an easily recognizable format. The bottles feature the name

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card and placing it in a mailbox. Postage is free.

of the solvent or distilled water, the International Chemical Society chemical formula, and Chemical Abstract System number. They are available for acetone, ethanol, methanol, isopropanol, and distilled water. The waterproof, chemical-resistant labels adhere well to plastic, glass, or metal. They are available in three systems: the Custom Labeling System allows the user to create labels to suit a particular lab's requirements; a Chemical-Specific Label Set contains printed labels with information on 25 common laboratory chemicals; and Individual Chemical-Specific Labels are multiple labels with the same chemical name. Nalgene. Circle 515.

### Ultralow-Temperature Freezers

Power Plus is a new line of ultralow-temperature freezers with 50% more horsepower than competitive models. Available in capacities of 13 or 17.3 cubic feet, units feature oversized compressors with reserve capacity. The freezers maintain temperatures down to  $-85^{\circ}\text{C}$ . A microprocessor monitoring system displays actual chamber temperature and allows the user to program low and high alarm limits, among many other features. Forma Scientific. Circle 436.

### Tiny Microcentrifuge

The MC 200 NanoFuge is a microcentrifuge that fits in the palm of your hand. It is only 12 cm in diameter, yet it holds up to six 2.0- or 1.5-ml microcentrifuge tubes. With an adapter, it will hold microcentrifuge



tubes as small as 0.50, 0.40, and 0.25 ml. The NanoFuge is ideal for applications requiring spinning at low  $g$  forces. It reaches a maximum speed of 5000 rpm. Hofer Scientific Instruments. Circle 517.

### CO<sub>2</sub> for Supercritical Fluid Extraction

SFE Grade Carbon Dioxide for supercritical fluid extraction contains nonvolatile organic impurities in each cylinder certified to less than 10 ppb. The gas is available in space-saving disposable cylinders and in various sizes of returnable aluminum cylinders. The product is recommended for supercritical fluid extraction and flame ionization detection applications. Scott Specialty Gases. Circle 575.

### HPLC Pump for Critical Conditions

The LC-600 is a high-performance liquid chromatography (HPLC) pump with a 10- $\mu\text{l}$  stroke dual-piston design for improved performance under exacting conditions. It is suited for single-pump applications ranging from isocratic to gradient. The built-in microprocessor provides direct control of quaternary low-pressure mixing to high-pressure mixing. Shimadzu Scientific Instruments. Circle 433.

### Highest Resolution Analytical Balances

The expanded AT Series of analytical balances contains the highest resolution, four- and five-place analytical balances available as standard products. The AT400 balance has a capacity of 405 g and a readability of 0.1 mg. The AT 201 is 205 g by 0.01 mg and has a resolution of 1:20,000,000. The other new models are the AT261 (205 g by 0.1 mg), the AT460 (405 g by 1 mg), and the AT20 (20 g by 0.002 mg). All the balances are self-calibrating. Mettler Instrument. Circle 438.

### Literature

The *EM Science Catalog* contains information on hundreds of products for the analytical, environmental, and life sciences laboratory, including reagents, solvents, instruments, standards, buffers, pH test strips, dispensers, and a separate chromatography section. EM Science. Circle 541.

*Analytical Instruments* is a 28-page brochure that features Bruker Instruments' full line, including instruments for high-resolution, high-power, and in vivo nuclear magnetic resonance, data processing, flow cytometry, mass spectrometry, and high-performance liquid chromatography. Bruker Instruments. Circle 542.

# Science

## Products & Materials

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