

Automated Scanning System

The SciScan 5000 System automates DNA sequence reading and many other laboratory data analysis tasks. The system includes a high-resolution scanner that digitally records an image of any laboratory sample, with a scanning bed that accommodates samples up to 14 inches wide, of any length, and up to 0.5 inch thick. The system quickly reads DNA sequencing autoradio-



grams without user intervention. Derived sequence data are displayed linked with the gel images and can be edited on screen. The sequence can then be printed or stored on the computer disk for further analysis. United States Biochemical. Circle 545.

Monoclonal Antibodies

ACT-T-SET Granzyme A is a monoclonal antibody (MAb) that recognizes human granzyme A in frozen tissue sections and fixed cell preparations. It can also be used for immunoprecipitation procedures. Granzyme A is found in the intracellular cytoplas-

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.

mic granules of cytotoxic T lymphocytes. T Cell Sciences. Circle 557.

Indenti-T Pan-TCR $\alpha\beta$ is a MAb that identifies a common epitope of the human $\alpha\beta$ T cell antigen receptor. It can be used in flow cytometry analysis of live cells, immunohistology protocols, and immunoprecipitation procedures. T Cell Sciences. Circle 546.

Biology Spell Checker

BioWords, a spell checker for use on Macintosh computers, contains more than 31,000 biology-related words. Fields covered include agronomy, anatomy, biochemistry, biotechnology, botany, enzymology, genetics, horticulture, immunology, medicine, microbiology, organic chemistry, pesticide science, pharmacology, plant science, soil science, taxonomy, toxicology, virology, weed science, and zoology. The spell checker works in conjunction with Microsoft Word 4.0 and requires a hard disk. Scientific Software. Circle 547.

Image Intensifier

GENIISYS is a screw-on, optically coupled second-generation image intensifier for use in low light level imaging. It is designed for use with both charge-coupled devices and tube-type cameras. The optical coupling interfaces with either 1-inch or 2/3 cameras. The GENIISYS intensifier, high-voltage power supply, and relay optics are contained in a compact cylinder, weighing less than 3 pounds. A separate unit includes microprocessor access to control functions through front panel controls or an RS-232 link. GENIISYS features automatic control of intensifier gain and shuttering, which provides a wide range of operation. For quantitative analysis, GENIISYS can be operated in variable fixed gain mode, which includes two separate gain presettings. Dage-MTI. Circle 548.

Non-Acrylamide Gel

HydroLink D600 is a non-acrylamide monomer combined with an innovative cross-linker for separating oligonucleotides and low molecular weight double-stranded DNA (dsDNA). HydroLink D600 is a direct substitute for acrylamide-bis stock solutions. D600 yields up to 1-base resolution of nucleotides down to 10 bases and up to 4-bp resolution of dsDNA fragments for oligonucleotide separation in the 10 to 300-bp range. J. T. Baker. Circle 549.

FcBlock Reduces Background Staining

FcBlock is a monoclonal antibody-based product that strongly and specifically binds to murine Fc γ receptors expressed by mouse lymphocytes and macrophages. FcBlock prevents antibodies from binding to cells via their Fc portions and can significantly reduce background staining. The user simply incubates mouse cells with FcBlock for 3 minutes and then stains as usual with fluorochrome-conjugated or biotin-labeled antibodies. PharMingen. Circle 550.

RNA Purification Kit

The RNaid Kit can purify RNA from gels in 20 minutes. The user can select RNA species according to size and clean up RNA polymerase chain reaction products. This gel extraction kit provides rapid separation of RNA from enzymes and unincorporated label and removes polymerases, transcriptases, restriction enzymes, and ribozymes. It can also desalt and remove other contaminants such as enzymes and proteins from RNA samples and rapidly isolate total RNA from guanidinium cell lysates. Midwest Scientific. Circle 551.

Literature

BIOSIS Connection, an online system, includes four new databases: *Biology Digest Online*, *Life Sciences from NTIS* (National Technical Information Service), *Multiple Sclerosis Research Literature*, and *Forthcoming Books in the Life Sciences*. BIOSIS. Circle 552.

Thermal Analysis Supplies Catalog provides 52 pages of photographs, illustrations, and technical information to assist users in selecting the correct parts for their operations. Perkin-Elmer. Circle 553.

Vertical Slab is a brochure that describes a cell design that allows gels to run up to three times faster than conventional systems and that ensures even heat distribution over the entire gel surface. Buchler Instruments. Circle 554.

Sample Preparation Products is a comprehensive catalog with an up-to-date applications bibliography for users of solid-phase extraction technology. Varian Associates. Circle 555.

Product Guide 1991 offers the fiber-optic component user a single, comprehensive source of information on Lasertron products including detailed specifications, application notes, and manufacturing and reliability information. Lasertron. Circle 556.

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