

Computer Vision Software

CREAM is a powerful personal computer vision software that digitizes images using a video camera and a framegrabber at a resolution of 512 by 512 pixels in 256 gray levels and displays in 640 by 480 pixels with 256 colors on a VGA system. Images can be stored on disk, exported to word processors, or printed in up to 64 gray levels on a laser printer. The system operates on an IBM AT (or compatible) with DOS 3.1 or higher. A hard disk, mouse, and video graphics array adapter and monitor are required. The program is modular, allowing upgrading to more applications, including bacteria colony counting, automatic reading of DNA sequences from x-ray film, scanning one-dimensional gels, and reading the results of enzyme-linked immunosorbent assays. Bio Trek. Circle 493.

Custom Peptide Synthesis

CLONTECH Laboratories offers custom peptide synthesis services. The company uses solid-phase, continuous-flow methodology and Fmoc chemistry to obtain high-quality, resin-cleaved crude peptides. High-performance liquid chromatography (HPLC) purification is offered, yielding purities greater than 95%. Chemical modification, conjugation to protein or other immunological carriers, product scale-up, and special purification services are also available. With the specified peptide or peptides, customers receive an HPLC chromatogram and amino acid analysis data. CLONTECH Laboratories. Circle 494.

Monoclonal Antibodies

The latest addition to T Cell Sciences' line of monoclonal antibodies (MAbs) to the human T cell antigen receptor (TCR) is Diversi-T γ V2(a). This MAAb identifies the V γ 2 epitope of the human $\gamma\delta$ TCR. It can be used in flow cytometry analysis of live cells, immunohistology protocols, immuno-

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.

precipitation procedures and protein immunoblot procedures, and in investigations of lymphoid malignancies, autoimmune disease, and immune system disorders. T Cell Sciences. Circle 495.

PharMingen has expanded its line of conjugated MAbs specific for murine lymphocyte cell surface markers to include the following TCR V region-specific MAbs: V β 3, V β 5.1 and 5.2, V β 6, V β 7, V β 8.1 and 8.2, V β 9, V β 11, V β 13, V β 17a, V α 3.2, V α 11, V γ 2, V γ 3, and V δ 4. The following specificities are also available: IL-2 receptor, CD69, LPAM-1, LECAM-1, NK cells, heat stable antigen (J11d), and BP1/6C3. PharMingen. Circle 496.

MAbs specific for murine CD3- ϵ (145-2C11) are also available. PharMingen. Circle 497.

Sample Preparation Kits

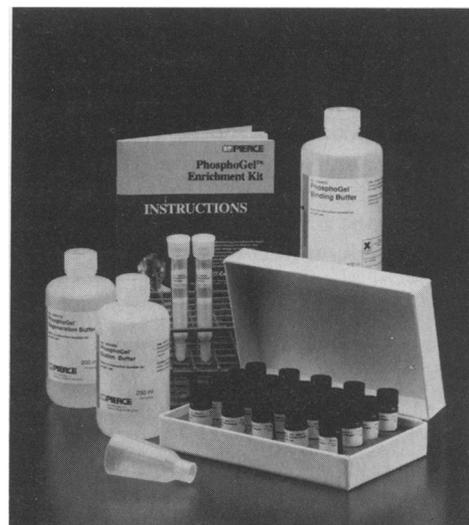
A Detergent Removal Kit and a Buffer Purification Kit provide an opportunity to try various methods of preparing samples for optimizing a particular analytical method. The detergent kit simplifies removal of nonionic and anionic detergents from samples. The buffer kit contains all the materials required to deionize impure urea, formamide, glyoxal, or acrylamide to provide reagents acceptable for use in electrophoresis or other procedures that require extreme purity. It also provides materials and protocols for removal of trace organics, interfering anions, and metal ions. Bio-Rad Laboratories. Circle 498.

Tracking Software

Locate II is an interactive triangulation program for field biologists tracking animals equipped with radiotransmitters. The software uses Lenth maximum likelihood estimators to estimate location and 95% error ellipses. The program is interactive, featuring easy-to-use data entry screens and pop-up help screens. Locate II runs on IBM-compatible computers. Pacer Computer Software. Circle 499.

Phosphorylated Protein Enrichment Kit

The PhosphoGel Enrichment Kit offers researchers a convenient way to isolate or enrich phosphorylated proteins, peptides, and amino acids. The kit includes pre-packed activated columns that have a high binding capacity for both phosphoamino acids and phosphoproteins. The kit includes



reagents and buffers sufficient to perform 20 enrichments and purifications. Pierce. Circle 503.

Molecular Biology Buffers and Reagents

AccuGENE is a new line of certified-pure molecular biology buffers and reagents for a wide range of DNA and genetic research applications. Each lot of AccuGENE solution is formulated with ultrapure water, screened and certified to be free of contaminating enzymes. Whittaker Bioproducts. Circle 504.

Literature

A Resource Guide to Steady-State Environmental Rooms provides an overview to aid in environmental room selection and includes information regarding room construction, specifications, applications, safety, instrumentation, and accessories. Thermotron Industries. Circle 506.

Aldrich Safety Products is a catalog listing more than 2000 products in five sections: personal protective equipment, monitoring equipment, storage and handling equipment, response equipment, and reference materials. Aldrich Chemical Co. Circle 507.

ADI 1030 Bio Controller gives the features, specifications, and applications of an instrument for the control of conditions for the cultivation of cells and microorganisms. The instrument is designed for process control in autoclavable bioreactors where available bench space is limited. Applikon. Circle 508.

FluoroMax Spectrophotometer is a brochure on a low-cost, research-grade spectrofluorometer that combines ease of use with high sensitivity. Spex Industries. Circle 509.

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