PRODUCTS & MATERIALS

Hybridization Oven and Electroporator
The Gene Roller Hybridization Oven offers high capacity (10 bottles) and uniform temperature among hybridization bottles (±0.25°C). Its safety features shield 99% of beta emissions. The Gene Transformer Electroporator is a lightweight, portable unit with built-in power supply and safety cuvette holder. It has optimized settings for consistently high transformation efficiencies in bacterial and mammalian cells. Savant Instruments. Circle 140.

Spectrofluorophotometer
The RF-5301PC spectrofluorophotometer, which operates with a personal computer using Windows software, can be used in applications including impurity and toxin identification, quantitation of unknowns, intracellular ion indicators, and kinetic studies. Solid and liquid samples can be analyzed with much higher sensitivity than absorbance methods. High-speed scanning up to 5500 nm/min allows measurement of a desired spectrum in seconds. This special feature provides for measurement of pH, calcium, and other ions using dye indicators that require measurement of two or more wavelengths. Wavelength slewing occurs at 20,000 nm/min for easy synchronous scanning. Extension of the standard instrument range (200 to 750 nm) to 900 nm (with optional red-sensitive photomultiplier) supports applications from ultraviolet to visible light, enabling use of chlorophyll and dyes that fluoresce at long wavelengths. Shimadzu Scientific Instruments. Circle 141.

Bibliography Management Software
Bookends Pro is bibliography management software for the Macintosh. The system can collect, manage, and format references, citations, and quotes. It automatically generates bibliographies and footnotes that conform to publication specifications. Users can import reference information from a variety of online database services, including Medline, Dialog, and BRS. Version 3.1 includes more than 90 pre-defined formats for generating references and footnotes. Westing Software. Circle 142.

Graphics Software
GraphiC is software that can produce linear and logarithmic X-Y plots; three-dimensional surfaces; polar, pie, bar, and Smith charts; and more. It includes nine different curve types with varied curve thickness and 16 different curve markers. It contains more than 240 functions, enabling users to write scientific graphing programs without having to learn graphical user interface programming. Scientific Endeavors. Circle 143.

Nonradioactive Nucleotide Analogs
Twenty new fluorescently labeled nucleotide analogs are part of an expanding line of products. These new deoxyribonucleotides and ribonucleotides combined with 13 different fluorescent-, biotin-, and fluorophore-labeled dideoxyribonucleotides offer 43 combinations of nucleotide and fluorophore.

Ambion offers a complete range of kits and reagents for RNA analysis including:

Ribonuclease Protection Assay—Ten Times More Sensitive Than A Northern
For single tube, high sensitivity RPAs use the RPA ITM Kit. And for precious samples the Direct Protect™ Lysate RPA Kit allows probing directly in cell lysates without prior RNA isolation.

S1 Nuclease Protection
The S1 nuclease protection assay is now in convenient kit form. The S1™-Kit provides function tested solutions and controls necessary for analysis and mapping of RNA with DNA probes.

Ambion is the first company to offer RPA and S1 nuclease protection assay kits. Novel technology has been incorporated into each kit to bring you state of the art speed, efficiency, and ease of use.

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