

NEW PRODUCTS

Enzymes & reagents

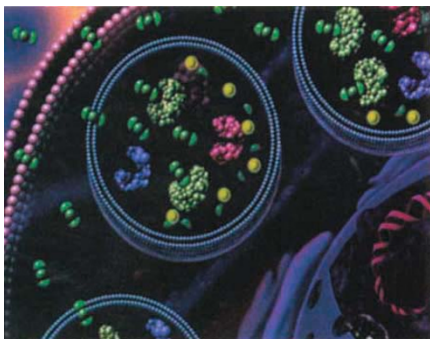
Human lung trypsin

Human lung (mast cell) trypsin is available for in vitro and manufacturing use exclusively through Cortex Biochem (San Leandro, CA). Trypsin is stored in granules and is released by exocytosis when the mast cell is activated. It has been implicated in the pathophysiology of allergic asthma, and is an important tool for researchers developing new treatments for a variety of inflammatory allergic responses.

Tel: +1 510 568 2228

Fax: +1 510 568 2467

RSN: 1045



Measuring enzyme activity

Coulter's (Miami, FL) CellProbe reagents are fluorogenic substrates designed for flow cytometric detection of enzyme activity in intact, viable cells. They pass through the cell membrane without a permeabilization step, and can be used in conjunction with monoclonal antibodies in multiparameter analysis. Though optimized for use in flow cytometry, they can be adapted to other fluorescent detection methods such as spectrofluorometry and fluorescent microscopy.

Tel: +1 305 380 3800

Fax: +1 305 380 5401

RSN: 1046



Specific reagents

Sigma (St. Louis, MO) has two new reagents—Tri Reagent BD and Tri Reagent

LS—formulated for specific starting sources. Tri Reagent BD is optimized to work with blood derivatives such as whole blood, plasma, or serum, while Tri Reagent LS is formulated to work with liquid samples such as biological fluids or tissue suspensions. These reagents simultaneously isolate RNA, DNA, and proteins from large or small amounts of human, animal, plant, yeast, bacterial, or viral cells or tissues. Pure RNA for Northern blots, mRNA isolation, and in vitro translation can be prepared in one hour; DNA for PCR, restriction enzyme digestion, and Southern blots, and protein for probing in Western blots are ready in three hours.

Tel: +1 314 771 5765

Fax: +1 314 771 5757

RSN: 1047



Rodent reagents

Rodent researchers can now get a range of over 500 suitable reagents from Serotec (Oxford, UK), including antibodies that recognize mouse and rat cell-surface antigens, adhesion markers, T-cell receptors, cytokines, immunoglobulins, and MHC antigens. There are also unique antibodies for rat and mouse macrophage markers, and murine scavenger receptors. Many of the reagents are also available in a range of conjugate formats.

Tel: +44 1865 852700

Fax: +44 1865 373899

RSN: 1048

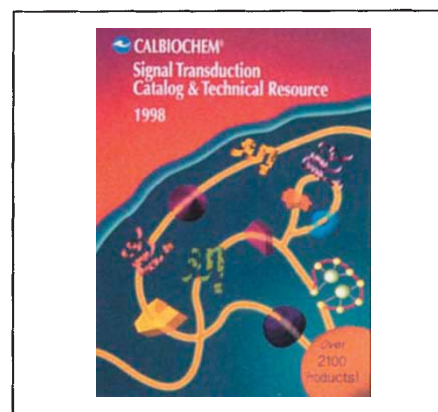
Lipid delivery

A transfection reagent from Cambio (Cambridge, UK) can increase the deliverance of plasmid DNA or antisense oligonucleotides into cells. Cytofectin is a cationic lipid that can deliver at least 20 times more oligonucleotides than traditional products. It is also able to transfect in the presence of media containing sera. Cytofectin can transfect a wide range of cells and is up to 10 times cheaper than other alternatives.

Tel: +44 1223 366500

Fax: +44 1223 350069

RSN: 1049



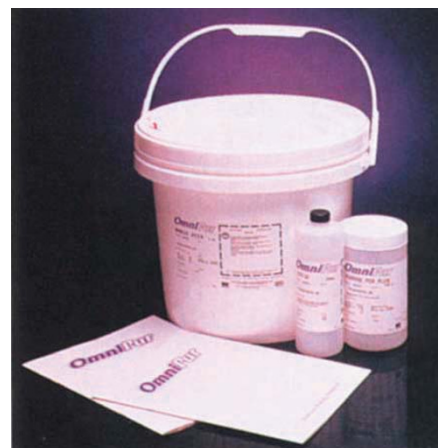
Signal transduction

The 1998 Signal Transduction Catalog and Technical Resource from Calbiochem (San Diego, CA) features over 2,100 products, including 590 new ST reagents, kits, and sets, and new chapters on cell adhesion/extracellular matrix tools and oxidative stress/free radicals. It also contains literature reviews, chemical structures, application comments, comparative tables, and indexing.

Tel: +1 619 450 9600

Fax: +1 619 453 3552

RSN: 1050



Molecular biology reagent line

The OmniPur line of molecular biology reagents from EM Science (Gibbstown, NJ) includes premixed reagents and solutions such as 10X TAE, 10X TBE, 10X SSC, 10X SSPC, 10X PBS, 10X MOPS buffers, and ethidium bromide solution, as well as specialty reagents such as Agarose PCR Plus for resolving small DNA fragments. Sizes range from 500 g to 25 kg. Most products are tested for DNase, RNase, and protease.

Tel: +1 609 423 6300

Fax: +1 609 423 0671

RSN: 1051