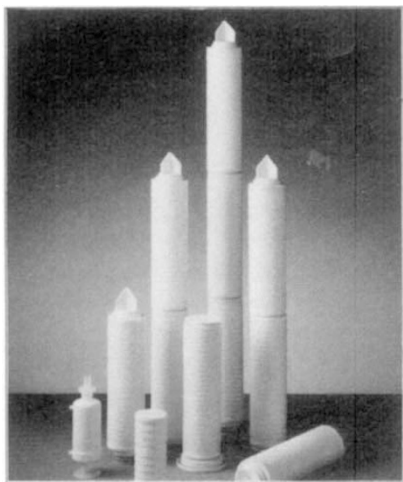


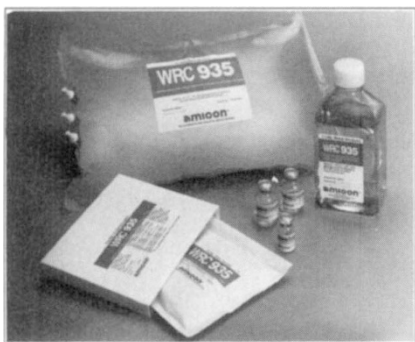
CELL AND TISSUE CULTURE MEDIA



Membrane Filters

Pall Ultrafine Filtration (East Hills, NY) introduces Bio-Inert membrane filter series specifically designed to provide sterile filtration of serum and tissue culture media while retaining a minimum of adsorbed protein. This enhances the yield of such dilute protein solutions as serum-free tissue culture media, rDNA products, and protein-based diagnostics. Bio-Inert membrane filters are available in removal ratings from 0.1 to 0.45 microns, as pre-filters or final filters, and in a variety of configurations to fit Pall or others' housings. The filters are steam sterilizable and autoclavable.

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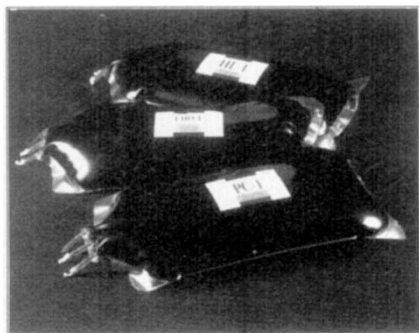


WRC-935

Amicon (Beverly, MA) presents WRC-935, serum-free medium that supports antibody production from murine hybridoma cell lines at high concentration and purity levels. Low protein concentrations of 56 µg/ml provide better assays, greater first-step purity, and reduced downstream requirements. Phenol red or other indicators can be added, as can fetal bovine

serum. WRC-935 demonstrates biologically consistent performance.

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Custom Manufactured Media

Endotronics (Coon Rapids, MN) and Ventrex Laboratories team up to offer a customized media program. A complete line of serum-free media for research and production applications is available. HL-1 medium is for all lymphoid and hybridoma cell lines, PC-1 is for primary cells, and CHO-1 is formulated specifically for CHO cells. Supplements for all of these are available for use with basal medium or as a serum replacement.

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Cell Growth

A complete line of serum-free media products is now available from Biological Industries (Tel Aviv, Israel). The products are intended primarily for cell growth in suspension cultures. Ready-to-use media are included, such as DCCM-1 with a protein level of 2026 mg per liter, or, for those who prefer to prepare final media on their own, basal media are available.

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Cell Culture Products

Cell culture media and sera are now available from TechGen International (London, U.K.). J-Bio cell culture media are produced to the highest possible stan-

dard, guaranteeing homogeneity, and all media and sera undergo rigorous quality control procedures using a wide variety of cell lines for growth tests. Products currently available include fetal bovine, newborn bovine, and donor horse serum, liquid and powder media, balanced salt solutions, and antibiotics.

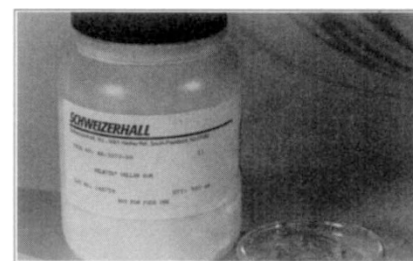
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Tissue Culture Filtration Devices

Millipore (Bedford, MA) offers a family of disposable devices to filter tissue culture media, additives, and other biologicals in volumes ranging from less than 1 ml up to volumes of 30 liters. These devices incorporate the Durapore membrane, which has no surfactants or polyglycolethers to adversely affect cell density and function. The membrane is the lowest protein-binding membrane available, providing up to 99% total protein recovery.

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Gelling Agent

Schweizerhall (Piscataway, NJ) produces Gelrite Gellan Gum, used as a gelling agent to replace agar in plant cell culture techniques. This polysaccharide, produced by fermentation, produces highly transparent gels that allow researchers to see contamination in plant tissue culture more easily. Gelrite is compatible with nutrient additives commonly used with agar gels, and is generally resistant to enzymatic degradation.

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