

Sources of Cell Culture Supplies

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For the convenience of our users, we provide the following list of cell culture supplies that the DGRC obtains from commercial sources. We do not endorse any particular manufacturer, or imply that similar materials from alternate manufacturers are necessarily inferior; this is simply a list of materials that we know will work. In most cases, a given item is available from multiple vendors; for a few of the more obscure manufacturers, we have listed the vendor that we use. If you decide to use alternative materials, we recommend that you first make sure that you have a good frozen stock of cells that you can fall back on.

Culture media and components:

Shields and Sang M3 Insect Medium powder: Sigma-Aldrich S8398

Shields and Sang M3 Insect Medium liquid: Sigma-Aldrich S3652

HyQ CCM-3 medium (liquid) Fisher-Thermo #SH3006502

HyQ CCM-3 medium (powder) Fisher-Thermo #SH30061.03

Note: For some years, HyClone has been threatening to discontinue CCM-3, and has recommended using SFX insect cell culture medium as a substitute. In our experience, SFX does not work as well as CCM-3 for our cultures, and so far, CCM-3 has remained available, though the powdered medium is generally on back-order for about 10 weeks.

HyClone US Defined fetal bovine serum #SH30070.03

Note: For further information about serum, see our protocol on Additions to Medium

Yeast extract: Sigma-Aldrich Y1000

Note: This is tissue culture-grade yeast extract; do NOT substitute yeast extract that is intended for bacterial medium.

BactoPeptone: BD Biosciences #211677



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Miscellaneous chemicals:

Insulin solution (human): Sigma-Aldrich I9278

Trypsin, 0.05% (1X) with EDTA-Na₄: Invitrogen #25300-054

Disposable plastic ware

100 mm tissue culture dish: Corning #430167 or TPP #TP93100

25 cm² flask with plug-seal cap: Corning #430168 or TPP #TP90025

multi-well tissue-culture plates, bulk-packed: Costar #3506 (6-well), #3512 (12-well), #3585 (24-well)

sterile individually wrapped pipets: TPP #94024 (25 ml), #94010 (10 ml), #94005 (5 ml), #94002 (2 ml), #94001 (1 ml)

Cell scrapers: BD Biosciences #353086

cryovials for storage of cells in liquid nitrogen: Cryo.s 1 ml (Greiner Bio-One #123263) or Corning 1.2 ml (#430487)

Miscellaneous small equipment:

Cryo 1°C freezing container: Nalgene #5100-0001



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