

Cell Culture Substratum

CH3 Catalog # 990001 Unit Size: 1 ml

PRODUCT OVERVIEW

Rat Tail Collagen is prepared by an adaptation of the classical method of MB Bornstein (1958) <http://www.ncbi.nlm.nih.gov/pubmed/13540204>. CH3 Rat Tail Collagen is superior with regard to cell attachment and stability in comparisons with recombinant collagen sub-types.

PURIFICATION

A proprietary process of CH3 BioSystems LLC.

FORMULATION

0.1% glacial acetic acid extract of rat-tail tendons. Provided as two 0.5 ml vials.

RECOMMENDED USAGE

Dilute 1:100 in 30% ethanol prepared with autoclaved de-ionized water. Prior to plating cells, allow solution to evaporate in uncovered culture vessels placed in a cell culture hood or a clean air cabinet. Serves as an excellent substratum attachment matrix for PC12 cells, neurons and many other cell types.

TESTING

All lots are tested for PC12 cell attachment in a neurite regeneration assay.
<http://www.ncbi.nlm.nih.gov/pubmed/701359>.

STORAGE

Shipped frozen. Avoid multiple freeze/thaw cycles. Store undiluted at 4° C for up to 1 year or prepare appropriately sized aliquots and keep indefinitely at ≤ -20° C.

All products are for Research Use Only and not for in vitro diagnostic use

This Package Insert is provided for product evaluation purposes only and is not intended to be used in place of the Package Insert shipped with the product.

University Commons ♦ Suite 8 ♦ 1416 Sweet Home Road ♦ Amherst, NY 14228 ♦ 716.688.5222

www.ch3biosystems.com