

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
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