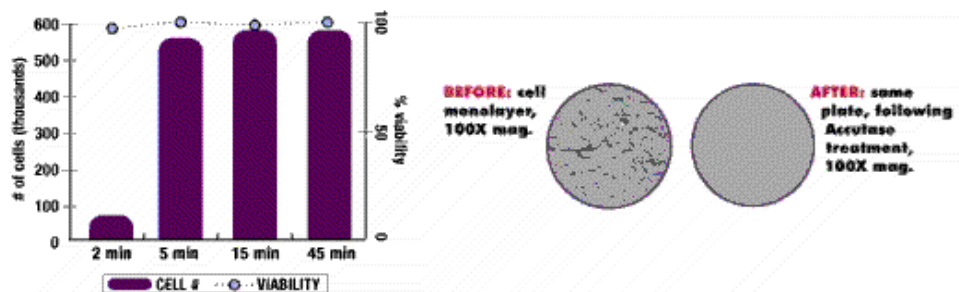


Accutase - Enzyme Cell Detachment Medium

Catalog Number: 00-4555

GPR: General Purpose Reagents. For Laboratory Use.



Human MG63 fibrosarcoma cell line cultured on tissue culture treated dishes in DMEM + 10% FBS were treated with Accutase. Treatment results in rapid cell detachment, a single cell suspension, and high viability. Accutase is gentle on cells; viability was 97 (+/- 3%) even after 45 minutes in Accutase.

Product Information

Contents: Accutase - Enzyme Cell Detachment Medium

REF Catalog Number: 00-4555

Formulation: Accutase is supplied in Dulbecco's PBS containing 0.5 mM EDTA and phenol red.

Temperature Limitation: Store at -20°C. Thawing during shipment will not affect performance.

LOT Batch Code: Refer to Vial

Use By: Refer to Vial

Description

Accutase performs exceptionally well in detaching cells for analysis of cell surface markers, virus growth assay, quiescence assays by serum starvation, transformation assays by oncogene transfection, neural crest cell migration assays, cell proliferation, cell haptotaxis, tumor cell migration assays, routine cell passage, production scale-up (bioreactor), and flow cytometry. Accutase has been shown effective on: fibroblasts, keratinocytes, vascular endothelial cells, hepatocytes, vascular smooth muscle cells, hepatocyte progenitors, primary chick embryo neuronal cells, bone marrow stem cells, adherent CHO and BHK cells, macrophages, 293 cells, L929 cells, immortalized mouse testicular germ cells, 3T3, Vero, COS, HeLa, NT2, MG63, M24 and A375 metastatic melanoma, gliomas U251 and D54, HT1080 fibrosarcoma cells, and Sf9 insect cells.

Applications Reported

Product may be thawed and frozen in aliquots.

Applications Tested

Accutase has both protease and collagenolytic activity. Each lot of Accutase is individually formulated to meet quality control standards for effective cell detachment. Accutase has been extensively used in research and biopharmaceutical laboratories.

Procedure:

1. Thaw Accutase at room temperature or 4°C.
2. Wash plate, flask or beads with sterile PBS.
3. Add Accutase to culture dish or flask using aseptic procedures at 10 ml per 75 cm² surface area.
4. Return culture to 37°C incubator and allow cells to detach 5-10 minutes.
5. Count cells and passage as usual; no additional washes or enzyme inhibitors are required.

Accutase is a registered trademark of Innovative Cell Technologies, San Diego, CA.

Related Products

00-4666 Accumax - Cell Aggregate Dissociation Medium

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