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TECHNICAL INFORMATION

Catalog Number: 1000449

Accutase

Accutase™ is a trademarked product of Innovative Cell Technologies, Inc., San Diego, CA

Description: Accutase™ is a cell detachment solution of proteolytic and collagenolytic enzymes. Useful for the routine detachment of cells from standard tissue culture plasticware and adhesion coated plasticware, including SmartPlastic™. Accutase™ does not contain mammalian or bacterial derived products or components derived from insect cells using the baculovirus system.

A brief list (not intended to be comprehensive) of the cell lines that have been tested include the following:

- 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
- MRC5
- MG63
- M24
- A375
- metastatic melanoma
- gliomas U251 and D54
- HT 1080 fibrosarcoma cells
- Sf9 insect cells

Form: Ready-to-Use, sterile liquid

Formulation: Accutase™ enzymes in Dulbecco's PBS (0.2 g/L KCl, 0.2 g/L KH₂PO₄, 8 g/L NaCl, and 1.15 g/L Na₂HPO₄) containing 0.5 mM EDTA·4Na and 3 mg/L Phenol Red.

Stability: Stable when stored at -20°C. Refer to lot expiration date. Recommended storage upon receipt is -20°C. After thawing, Accutase™ may be stored for up to 2 months at 4°C. DO NOT STORE AT ROOM TEMPERATURE.

Procedure for Use:

- Thaw Accutase™ at 37°C or room temperature.
- Wash plate, flask or beads with sterile PBS.
- Add Accutase™ to culture dish or flask using aseptic procedures at 10 ml per 75-cm² surface area.
- Return culture to 37°C incubator and allow cells to detach 15 - 20 minutes.
- Count cells and passage as usual; no additional washes or enzyme inhibitors are required.

Availability:

Catalog Number	Description	Size
1000449	Accutase™	100 ml

SmartPlastic™ is a trademarked product of Protein Polymer Technologies, Inc., San Diego, CA

