

Product Information

Accutase® Solution

Catalog Number **A6964**
Storage Temperature $-20\text{ }^{\circ}\text{C}$

Product Description

Accutase® solution (in DPBS without Ca^{++} or Mg^{++}) contains proteolytic and collagenolytic enzymes for cell detachment. It is useful for the routine detachment of cells from standard tissue culture plasticware and adhesion coated plasticware.

Each bottle contains 100 mL of 1× Accutase enzymes in Dulbecco's PBS (0.2 g/L KCl, 0.2 g/L KH_2PO_4 , 8 g/L NaCl, and 1.15 g/L Na_2HPO_4) containing 0.5 mM EDTA · 4Na and 3 mg/L Phenol Red.

The Accutase solution does not contain mammalian or bacterial-derived products.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

The Accutase solution is supplied as a sterile, ready-to-use, frozen liquid.

Storage/Stability

Store the Accutase solution at $-20\text{ }^{\circ}\text{C}$. After thawing, the Accutase solution may be stored for up to 2 months at $4\text{ }^{\circ}\text{C}$.

Procedure

1. Thaw the Accutase solution overnight in the refrigerator or in a cold water bath.
2. Wash the plate, flask, or beads with sterile PBS.
3. Add the Accutase solution to the culture dish or flask using aseptic procedures, using 10 mL for each 75 cm^2 of surface area.
4. Return culture to $37\text{ }^{\circ}\text{C}$ incubator and allow cells to detach 5 –10 minutes.
5. Count cells and passage as usual, no additional washes or enzyme inhibitors are required.

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