

ACCUTASE™

Cell detachment solution

Catalog # 07920 100 mL
07922 500 mL



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Product Description

ACCUTASE™ is a cell detachment solution of proteolytic and collagenolytic enzymes. It is useful for the routine detachment of cells from standard tissue culture plasticware and adhesion-coated plasticware. ACCUTASE™ does not contain mammalian- or bacterial-derived products. Each lot of ACCUTASE™ is tested for sterility (by USP membrane filtration method), enzymatic activity (tested with synthetic chromagenic tetrapeptides), and cell detachment from tissue culture plastic.

ACCUTASE™ has been shown to efficiently detach or dissociate fibroblasts, neurospheres, keratinocytes, vascular endothelial cells, hepatocytes, vascular smooth muscle cells, hepatocyte progenitor cells, bone marrow stem cells, macrophages, 293 cells, L929 cells, immortalized mouse testicular germ cells, 3T3, Vero, COS, HeLa, NT2, MG63, M24 and A375 metastatic melanomas, gliomas U251 and D54, and T1080 fibrosarcoma cells.

Properties

Storage: Store at -20°C.

NOTE: Product may be shipped with dry ice or ice packs and may be received thawed.

Shelf Life: Stable until expiry date (EXP) on label.

Contains:

- 1X ACCUTASE™ enzymes in Dulbecco's phosphate-buffered saline (PBS)
- 0.5 mM EDTA • 4 Na
- 3 mg/L Phenol red

Handling/Directions for Use

1. Thaw ACCUTASE™ overnight at 2 - 8°C, at room temperature (15 - 25°C), or in a container of cool water. Do not thaw at 37°C. Mix thoroughly.
NOTE: Once thawed, use immediately or store at 2 - 8°C for up to 2 months. Alternatively, aliquot and store at -20°C. Do not exceed the expiry date on the label.
2. Wash the plate, flask, or beads with sterile PBS.
3. Add ACCUTASE™ to the culture dish or flask at 10 mL per 75 cm² surface area.
4. Incubate at 37°C for 5 - 10 minutes, allowing the cells to detach.
5. Count cells and passage as usual; no additional washes or enzyme inhibitors are required.

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

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