

ACCUMAX™

Cell detachment solution

Catalog # 07921 100 mL



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Product Description

ACCUMAX™ is a cell detachment solution of proteolytic and collagenolytic enzymes. It is useful for creating single-cell suspensions from clumped cell cultures for accurate cell counting, detachment of cells from primary tissue, and the routine detachment of cells from standard tissue culture plasticware and adhesion-coated plasticware. ACCUMAX™ does not contain mammalian- or bacterial-derived products.

Each lot of ACCUMAX™ is tested for sterility (by USP membrane filtration method), enzymatic activity (tested with synthetic chromagenic tetrapeptides), and cell detachment from tissue culture plastic.

Properties

Storage: Store at -20°C.

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

Contains:

- 1X ACCUMAX™ enzymes in Dulbecco's phosphate-buffered saline (D-PBS)
- 0.5 mM EDTA•4Na

Handling / Directions For Use

PROCEDURE FOR CELL COUNTING:

1. Thaw ACCUMAX™ 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 as indicated on the label.

2. Harvest a representative sample of clumped cells (e.g. 0.5 mL or 1.0 mL) and place in the container used for cell counting.
3. Add an equal volume of ACCUMAX™ to the sample of cells and incubate at 37°C for 5 - 10 minutes.
4. Count cells and passage as usual; no additional washes or enzyme inhibitors are required. Note that cells are diluted 2-fold following addition of ACCUMAX™.

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