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## Product Information

### ACCUMAX<sup>®</sup>

Product Code **A 7089**  
Storage Temperature  $-20\text{ }^{\circ}\text{C}$

#### 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.

#### Intended Use

**For R&D use only. Not for drug, household or other use.**

#### Components

Each bottle contains 100 ml of 1x ACCUMAX enzymes in Dulbecco's PBS (0.2 g/L KCL, 0.2 g/L  $\text{KH}_2\text{PO}_4$ , 8 g/L NaCL, and 1.15 g/L  $\text{Na}_2\text{HPO}_4$ ). ACCUMAX does not contain mammalian- or bacterial-derived products.

#### Preparation Instructions

ACCUMAX is supplied as a sterile ready-to-use frozen liquid.

#### Storage/Stability

ACCUMAX is stable when stored at  $-20\text{ }^{\circ}\text{C}$ . Refer to lot expiration date. Recommended storage upon receipt is  $-20\text{ }^{\circ}\text{C}$ . After thawing, ACCUMAX may be stored for up to 2 months at  $4\text{ }^{\circ}\text{C}$ .

#### Procedure

1. Thaw ACCUMAX at  $37\text{ }^{\circ}\text{C}$  or room temperature.
2. Harvest a representative sample of clumped cells, 0.5 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 for 5 to 10 minutes at  $37\text{ }^{\circ}\text{C}$ .
4. Count the cells by your normal procedure. Note that the cell have been diluted twofold.
5. Count cells and passage as usual; no additional washes or enzyme inhibitors are required.

#### Precautions and Disclaimer

MSDS is available upon request at [www.sigma-aldrich.com](http://www.sigma-aldrich.com). ACCUMAX is a registered trademark of Innovative Cell Technologies, Inc.

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