



Product Description

ACCUMAX™

CATALOG#: AM105 **LOT:**0T0664A **EXP:** 07/2012

DESCRIPTION: A cell detachment solution of proteolytic, collagenolytic and DNase enzymes. 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.

FORMAT : 100ml, ready to use, frozen sterile liquid.

QUALITY

CONTROL :

1. Sterility testing by USP membrane filtration method.
2. Enzymatic activity tested with synthetic chromagenic tetrapeptides.
3. Cell detachment from tissue culture plastic.

FORMULATIOM : 1X ACCUMAX 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.

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

PROCEDURE:

Cell Counting:

1. Thaw ACCUMAX in the refrigerator overnight, in a vessel of cool water or at room temperature. **Not at 37°C**
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 room temperature.
4. Count the cells by your normal procedure. Note that the cells have been diluted and extra 2 fold.
5. Count cells and passage as usual: no additional washes or enzyme inhibitors are required.

Primary Tissue Disassociation: Available upon request.

주의사항: Accumax 해동시 4°C에서 서서히 녹여주시기 바랍니다. (37°C에서 inactivation됨)