

ACCUMAX™

Cell detachment solution

Catalog # 07921 100 mL



Scientists Helping Scientists™ | WWW.STEMCELL.COM

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

Product Description

ACCUMAX™ is a cell detachment solution of proteolytic, collagenolytic, and DNase 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™.

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2018 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. ACCUMAX is a trademark of Innovative Cell Technologies, Inc. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.