



# Specsure™ Medium Supplement

Cat No# ACE001 -1 via for 500ml medium

Storage at 2-8°C

## INTRODUCTION

**Specsure™ Medium Supplement** is used as a supplement to the normal culture medium to support the growth of cells. This product can also be used for fast recovery of frozen cells from liquid nitrogen. **Specsure™ Medium Supplement** is also suggested to rescue cell culture which is poor viability or productivity. The **Specsure™ Medium Supplement** is a chemically defined and animal-free formula. There is no Lot -to-Lot variation for this product, which is strongly helpful for establishing Standard Operating Procedure.

## FEATURES

1. Chemically defined and animal-free formula
2. Proprietary supplement optimized for growth of various cell lines
3. Strongly helpful for establishing Standard Operating Procedure
4. Rescue cell culture which is poor viability or productivity

## PROTOCOL

1. Reconstitute **Specsure™ Medium Supplement** by 500µ L ddH<sub>2</sub>O.
2. Sterile the reconstituted **Specsure™ Medium Supplement** by filtering through 0.22 µm filters.  
Notice: The reconstituted **Specsure™ Medium Supplement** should be used up within 1 month.
3. Dilute the reconstituted **Specsure™ Medium Supplement** 1:1000 (v/v) into regular culture media, such as DMEM or RPMI-1640 based media contained fetal bovine serum and appropriate antibiotics.  
Example: Add 500 µL reconstituted **Specsure™ Medium Supplement** into 500 ml culture media
4. Media with **Specsure™ Medium Supplement** can be stored as the regular culturing media. The addition of **Specsure™ Medium Supplement** will not alter the shelf life of prepared media.
5. The reconstituted **Specsure™ Medium Supplement** can partially substitute the usage of fetal bovine serum. Depends on cell types or cell growth rate, try to add **Specsure™ Medium Supplement** into media contained 10%, 8%, or 5% fetal bovine serum at beginning. Select a best culture condition for your cells.

## PRODUCT USE LIMITATION

These products are intended for research use