

CytoMore™ Cell Rescue Supplement

CT01-1BT

V1.0

Store at 2-8 °C
For Research Use Only

■ Introduction

CytoMore™ Cell Rescue Supplement (CCRS) is powder mixtures of defined chemical components. It is especially useful for improving the growth performance of cells with poor growth problems. To determine the optimal concentration of CCRS to the desired cell, follow the operation manual to create five working medium under instructed ratio for evaluation.

■ Product Components

CytoMore™ Cell Rescue Supplement (CT01-1BT)

Cell Rescue Supplement	1 bottle
User's manual	

■ Safety Information

Please wear gloves, lab coat and goggles while operating. Prevent contact product directly. In case of contacting, wash with large amount of water.

■ Storage

CytoMore™ Cell Rescue Supplement should be stored at 2-8 °C. Please use up the product in 12 months.

■ Materials needed but not provided

1. 50 mL Centrifuge tube
2. DMEM or RPMI-1640 based media with 10% fetal bovine serum
3. 0.22 µm filters
4. T75 flask or 6-well plate

■ Instruction

- Label five 50 mL Centrifuge tubes for serial dilutions as follows:
#1 (1X); #2 (1/2X); #3 (1/4X); #4 (1/8X); #5 (1/16X)
- Add 25 mL regular culture media, such as DMEM or RPMI-1640 based media with 10% fetal bovine serum and antibiotics into tube #2, #3, #4, #5.
- Reconstitute Cell Rescue Supplement by 0.5 mL ddH₂O. The stock solution should be stored at 2-8 °C for several weeks.
- Dilute the stock solution into 49.5 mL regular culture media.
- Sterile the culture media containing Cell Rescue Supplement by filtering through 0.22 μm filters to tube #1.
- Transfer 25 mL of media from tube #1 into tube #2 and mix well.
- Transfer 25 mL of media from tube #2 into tube #3 and mix well. Continue to transfer and mix through tube #5. (See follow table for CCRS serial dilution)

Tube	Volume of media (mL)	Volume and source of tube (mL)	Final CCRS dilution fold
#1	49.5	0.5 of Stock	1X
#2	25	25 of tube #1 dilution	1/2X
#3	25	25 of tube #2 dilution	1/4X
#4	25	25 of tube #3 dilution	1/8X
#5	25	25 of tube #4 dilution	1/16X

- Culture cells with five different media (#1~#5) at the same time.

NOTE: Each media containing CCRS serial diluted could be evaluated at least for a duplicate T75 flask or a 6-well plate.

- Evaluate the optimized Cell Rescue Supplement dilution fold after few subcultivation.

■ Related Visual Protein Products

HybriMore™ Hybridoma Cloning Factor	HB01-1L	1 bottle
LumiFlash™ Prime Chemiluminescent Substrate, HRP System	LF01-500	500 mL
LumiFlash™ Ultima Chemiluminescent Substrate, HRP System	LF08-500	500 mL
LumiFlash™ Infinity Chemiluminescent Substrate, HRP System	LF16-500	500 mL
LuminolPen™, HRP System	LH03-50	1 pen
LuminolPen™ EZ, HRP System	LH05-50	1 pen