

CytoMore™ Cell Rescue Supplement

CT01-1BT

V2.1

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
User's manual

1 bottle

■ 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. Expiration date is labeled on the bottle or box.

■ 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

CellCount™ MTT Assay Kit	CC01-11	1,000 tests
CellCount™ MTT Assay Kit (with MTT Solvent)	CC01-12	1,000 tests
CellCount™ Cell Counting Kit-8 (CCK-8)	CC02-01	500 tests
CellCount™ Cell Counting Kit-8 (CCK-8 powder)	CC03-01	500 tests
NeuronMore™ Neural Cell Culture Supplement	CT02-1L	1 bottle
HybriMore™ Hybridoma Culture Supplement	HB01-1L	1 bottle
ImmunoFast™ Adjuvant	IF01-4N	4 reactions
Trypan Blue Solution (0.4%)	TPB01-100	100 mL