

SeraFree™ Cryopreservation Media

<u>Code</u>	<u>Description</u>	<u>Size</u>
N655-6x5ml	SeraFree™ Cryopreservation Media (RPMI) <i>Includes:</i> 6 - 5 ml tubes of SeraFree™ Cryopreservation Media (RPMI)	6 x 5 ml
N655-50ml	SeraFree™ Cryopreservation Media (RPMI)	50 ml
N676-6x5ml	SeraFree™ DMEM Cryopreservation Media <i>Includes:</i> 6 - 5 ml tubes of SeraFree™ DMEM Cryopreservation Media	6 x 5 ml
N676-50ml	SeraFree™ DMEM Cryopreservation Media	50 ml

General Information:

AMRESCO's SeraFree™ Cryopreservation Media are convenient ready-to-use formulations for preservation of mammalian cells during extended storage at low temperatures. SeraFree™ Cryopreservation Media are completely free of animal-derived products and are recommended for preservation of cells cultured in serum-free growth media as well as those cultured in serum-containing growth media. Cell viability for thawed cultures stored in AMRESCO's SeraFree™ Cryopreservation Media are equal to or better than viability for cells stored in traditional cryopreservation media containing DMSO and 20% FCS.

SeraFree™ Cryopreservation Media are suitable for use in environments that prohibit the use of animal-derived products. They eliminate the potential transmission of bovine spongiform encephalopathy as well as special handling and disposal requirements of media or media components containing bovine serum. The defined composition and lot-to-lot consistency of SeraFree™ minimizes the lot testing and potential effects from the undefined composition of bovine serum.

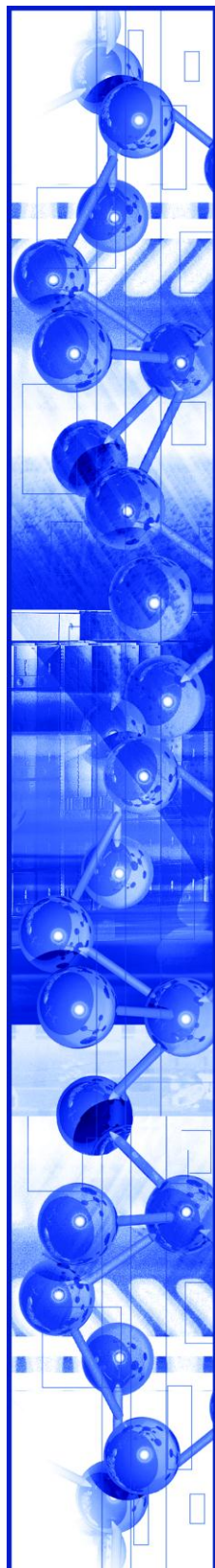
SeraFree™ Cryopreservation Media is available in 2 formulations and in 2 convenient packaging options:

Storage/Stability:

Store product cold, 2-8°C

Application Disclaimer

*For Research Use Only.
Not for Therapeutic or Diagnostic Use.*



Procedure:

1. Collect cells from late log phase or early stationary phase cultures and count an aliquot of the cells using a hemocytometer.
2. Centrifuge cells in a sterile conical tube at 2,000 rpm for 5 minutes.
3. Remove the supernatant and add the appropriate volume of SeraFree™ Cryopreservation Media to make a 5×10^6 cells/ml suspension.
4. Dispense 0.5 ml of the cell suspension to each appropriately labeled cryo tube.
5. Place vials of cells in an upright position in an insulated container, such as a Styrofoam box, and place in a -80 C freezer for at least 24 hours.
6. Transfer the vials to liquid nitrogen for long-term storage.

Related Products

<u>Code</u>	<u>Product</u>
N182-5 x10ml	DMSO (Dimethylsulfoxide) Ultra Pure Grade
J847-20ml	G418 (Geneticin) 100mM Solution
J607-100mg	Hygromycin B
E490-20ml	Penicillin Streptomycin, γ -irradiated
K813-500ml	Phosphate Buffered Saline, 10X Sterile Solution
N600-5ml	Quick-View™ Fluorescent Viability Stain
K940-100ml	Trypan Blue solution, 0.4%

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