

STEMFULL[™]



CENTRIFUGE TUBE FOR HIGH RECOVERY OF STEM CELLS AFTER CENTRIFUGATION

STEMFULL[™], a centrifuge tube with an ultra-hydrophilic polymer coating that minimizes cell loss from non-specific binding to the wall of the tube, resulting in higher cell recovery rates after centrifugation. The ultra-hydrophilic polymer on the tube surface is a covalent bound coating which minimizes the risk of eluting materials.

HIGH RECOVERY RATE

The STEMFULL[™] tube provides a 2 times higher cell recovery rate than conventional tubes.

ULTRA-HYDROPHILIC POLYMER COATING

The STEMFULL[™] tube has a unique, covalent bound Ultra-Hydrophilic polymer coating to prevent non-specific binding of cells to the tube.

FOR RECOVERING STRONG ADHERENT CELLS

STEMFULL[™] has been effectively used to recover strong adherent cells such as Human Stem Cells.



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STEMFULL[™]

Corneal epithelial cells and corneal stem cells recovery





Data provided by Dr. Masakazu Yokoo, Dept. Ophtamology, The University of Tokyo Hospital

MSCs storage and recovery using Cellstor[™] solutions



Experiment				
Cell	Human adipose-derived MSCs (hAD-MSCs)			
Cell density	5 x 10 ⁵ cells/mL			
Method	hAD-MSCs suspended in Cellstor-W or Cellstor-S were added into conventional or STEMFULL [™] tube and stored at 5°C. Cell recovery and cell viability were evaluated over time			

120.0



Data provided by: Research and Development Center Otsuka Pharmaceuticals Factory, Inc.









Mean <u>+</u>SD (n=6), *; p<0.05, **, p<0.01

Mean <u>+</u>SD (n=4), *; p<0.05, **, p<0.01

Storage of hAD-MSCs suspended in Cellstor-W or Cellstor-S at 5°C in the STEMFULL[™] tube maintained a high cell viability and a higher cell recovery rate for at least 24 hours compared to storage in a conventional tube.

Product	Art. nr.	Material	Note	Quantity
Stemfull 15 tube	MS-90150Z	Polypropylene	Radiation sterilized	100 (5pcs/bag x 20)
Conical 50 ml tube	MS-52550Z	Body: Polypropylene,	Radiation sterilized	100 (5pcs/bag x 20)
		Cap: Polyethylene		



PHC Europe B.V. Nijverheidsweg 120 | 4879 AZ Etten-Leur | Netherlands T: +31 (0) 76 543 3833 | F: +31 (0) 76 541 3732 www.phchd.com/eu/biomedical