# HypoThermosol<sup>®</sup> FRS Hypothermic storage and shipping media

## **BEST-IN-CLASS, OPTIMIZED BIOPRESERVATION MEDIA FOR CELLS AND TISSUES**



HypoThermosol<sup>®</sup> FRS is an optimized hypothermic (2-8°C) preservation media that enables improved and extended preservation of cells, tissues and organs. HTS-FRS is uniquely formulated to address the molecular-biological response of cells during the hypothermic preservation process. HTS-FRS includes key ions at concentrations that balance the intracellular state at hypothermic temperatures. Additional components include pH buffers, energy substrates, free radical scavengers, and osmotic/oncotic stabilizers.

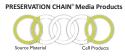
## **ORDERING INFORMATION**

<u>Size</u>	<u>Part #</u>
I OmL vial	101373
100mL bottle	101102
500mL bottle	101104
500mL IV bag	101204
RELATED PRODUCTS	
<u>Size</u>	<u>Part #</u>
500mL bottle	102104
100mL bottle	202102
100mL bottle	205102
I OmL vial	205373
100mL bottle	210102
I OmL vial	210373
l 6mL vial	210374



Product Name HypoThermosol® FRS HypoThermosol® FRS HypoThermosol® FRS HypoThermosol® FRS

Product Name PrepaStor® CryoStor® CS2 CryoStor® CS5 CryoStor® CS10 CryoStor® CS10 CryoStor® CS10



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## HypoThermosol<sup>®</sup> FRS Usage and Preservation Protocol

- Store HypoThermosol<sup>®</sup> FRS at 2-8°C, dry and protected from light until ready to use.
- Wipe down outside of container with 70% ethanol before opening.
- Contents are sterile. If seal has been broken, do not use and contact BioLife Solutions.
- HypoThermosol<sup>®</sup> FRS is ready to use. Simply replace culture medium with chilled (<10°C)</li>
  HypoThermosol<sup>®</sup> FRS and maintain at 2-8°C.

### HypoThermosol® FRS is not designed as a cell culture medium and should not be used above 15°C or warmed to 37°C

• At the end of the cold storage period, simply remove samples from the cold, decant the cold HypoThermosol<sup>®</sup> FRS and replace with warm (20-37°C) culture medium of choice.

### MATERIALS ARE MANUFACTURED UNDER cGMP

TEST	METHOD	LIMITS
Visual Inspection	Visual Inspection	Clear to slightly yellow solution with no visible particulates
рН	SOP 3006	7.5 to 7.7
Metabolic Activity Assay	SOP 5103	Cell viability following preservation is ≥ 75% of cells preserved in the internal standard at Day I recovery following preservation
Endotoxin	Kinetic Chromogenic USP <85>	≤ I EU/mL
Sterility	Membrane Filtration USP <71>	Sterile

