

## The HypoThermosol<sup>®</sup> Series of Preservation Solutions

### HypoThermosol<sup>®</sup>-FRS (HTS-FRS)

HypoThermosol<sup>®</sup> is a family of cell-specific, optimized hypothermic (2-8°C) preservation media that allows for improved and extended preservation of biologics. HypoThermosol<sup>®</sup>-FRS is a uniquely formulated hypothermic preservation solution designed to address the molecular-biological aspects of cells during the preservation process thereby directly reducing the level of cell death during and following the preservation interval.

HTS-FRS has been formulated to decrease the free radical accumulation in cells undergoing prolonged hypothermic preservation. Numerous investigators have shown that an increase in free radicals can lead to either pathological cell death or apoptosis (programmed cell death) in clinical conditions. HTS-FRS is very effective at preserving myocardial and kidney tissues, both of which have high-energy demands that can lead to free radical accumulation.

#### Instructions for Use:

- Store HTS-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.
- HTS-FRS is ready to use. Simply replace culture media with chilled (<10°C) HTS-FRS and maintain at 2-8°C.

*HTS-FRS is not designed as a cell culture medium  
and is not to 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 HTS-FRS and replace with warm (20-37°C) medium of choice.

#### Availability:

<u>Size</u>	<u>Catalog No.</u>
100 ml bottle	609142
500 ml bottle	609144
500 ml IV bag	609146

\* Please contact a BioLife Sales Representative for current pricing

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