

The HypoThermosol[®] Series of Preservation Solutions

HypoThermosol[®]-Purge (HTS-Purge)

HypoThermosol[®] is a family of cell-specific, optimized flush (15 – 25°C) and hypothermic (2-8°C) preservation media that allows for improved and extended preservation of biologics.

HypoThermosol[®] Purge is a uniquely formulated solution designed to address the molecular biological aspects of cells during the preparation and preservation process thereby directly reducing the level of cell death prior to, during and following the preservation interval. HTS-Purge has been formulated as a flush solution designed to rinse culture media and “native” fluids from cell systems prior to suspension in preservation media. This variant has been shown to be effective for preparing (rinse and flushing) mammalian cells, tissues and organs.

Instructions for Use:

- Store HTS-Purge 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-Purge is ready to use. To prepare *organ and complex tissue samples* for preservation, simply remove samples from native fluid environment and flush/perfuse tissue with HTS-Purge (15 – 25°C) utilizing standard protocols to rinse away any residual medium, proteins, and sera.

Note: multiple flushes may be necessary dependent on amount of residual contaminating fluid within and complexity of the system being prepared

- To prepare *cell and simple tissue samples* for preservation, simply remove culture media and replace with HTS-Purge (15 – 25°C) for 1-3 min to rinse away any residual medium, proteins, and sera. *If multiple wash steps are necessary, utilizing 1 min. incubation is recommended.*
- Following perfusion with HTS-Purge, flush the residual HTS-Purge from the system with desired variant of the HypoThermosol[®] or CryoStor[™] family of low-temperature storage solutions (pre-cooled to 2-8°C) with similar protocol as utilized for the introduction of HTS-Purge into the system and maintain the system at the preservation temperature (2-8°C).

HTS-Purge is not designed as a cell culture medium to be used at >25 °C

HTS-Purge is not designed as a cell preservation medium to be used for extended storage <15 °C

Availability:

<u>Size</u>	<u>Catalog No.</u>
100 ml bottle	637112
500 ml bottle	637114
500 ml IV bag	637116

* Please contact a BioLife Sales Representative for current pricing

Phone: (425) 402-1400
Fax: (425) 402-1433

BioLife Solutions, Inc.
3303 Monte Villa Parkway
Suite 310
Bothell, WA 98021
866-4BIOLIFE

Web: www.BioLifeSolutions.com
Email: Info@biolifesolutions.com