PrepaStor®

PREPARATION, FLUSH AND TRANSITION MEDIA

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

Pre-Formulated

Serum-Free

Protein-Free

USP/Highest Quality Components

cGMP Manufactured

Sterility, Endotoxin, and Cell-Based Release Testing

PrepaStor

PrepaStor® is an optimized flush (15-25°C) media that enables improved preservation of cells, tissues and organs. PrepaStor® 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.

ORDERING INFORMATION

Product Name	Size	Part #
PrepaStor®	500mL bottle	102104

RELATED PRODUCTS

Product Name	Size	Part #
HypoThermosol® FRS	10mL vial	101373
HypoThermosol® FRS	100mL bottle	101102
HypoThermosol® FRS	500mL bottle	101104
HypoThermosol® FRS	500mL IV bag	101204

BioLife Solutions®
POWERING THE PRESERVATION SCIENCES

PRESERVATION CHAIN™ Media Products
Source Material | Cell Products

3303 Monte Villa Parkway, Suite 310 | Bothell, WA 98021 USA
1.866.424.6543 phone | 1.425.402.1433 Fax | **www.BioLifeSolutions.com**
BioLife Solutions Technical Support: support@BioLifeSolutions.com
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PrepaStor® Usage and Preservation Protocol

- Store PrepaStor® 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.
- PrepaStor®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 PrepaStor® (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 PrepaStor® and maintain at (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.
- After perfusion with PrepaStor® follow the protocol utilized for the introduction of PrepaStor® and flush the residual PrepaStor® from the system with pre-cooled (2-8°C) HypoThermosol® or CryoStor®. Maintain the system at the preservation temperature.

PrepaStor® is not designed as a cell culture medium to be used at >25°C.
PrepaStor® is not designed as a cell preservation medium to be used for extended storage <15°C.

MATERIALS ARE MANUFACTURED UNDER cGMP

TEST	METHOD	LIMITS
Visual Inspection	Visual Inspection	Clear to slightly yellow solution with no visible particulates
pH	SOP 3006	7.4 to 7.8
Metabolic Activity Assay	SOP 5106	Cell viability following preservation is ≥ 75% of cells preserved in the internal standard at Day 1 recovery following preservation
Endotoxin	Kinetic Chromogenic USP <85>	≤ 1 EU/mL
Sterility	Membrane Filtration USP <71>	Sterile

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