

# Best-in-class optimized biopreservation media for cells and tissues

- Pre-Formulated
- Serum-Free
- Protein-Free
- USP/Multi-Compendia/Highest Quality Components
- cGMP Manufactured
- Sterility, Endotoxin, and Cell-Based Release Testing
- DMSO-Free



CryoStor® CSB is the intracellular-like base formulation for our series of cell-specific, optimized CryoStor® preservation media. It is uniquely formulated to address the molecular-biological aspects of cells during the cryopreservation process. This enables a reduction in the level of cryopreservation-induced Delayed-Onset Cell Death and improvement in post-thaw cell viability and function.

#### Glossary of label symbols:

<b>REF</b>	<b>LOT</b>	<b>STERILE</b>
Order Number	Number Batch Code	Aseptic Processing Technique
<b>Exp. Date</b>	<b>20°C ± 8°C</b> Temperature	<b>Manufactured by</b>



3303 Monte Villa Parkway, Suite 310  
Bothell, WA 98021 USA  
1.866.424.6543 Phone | 1.425.402.1433  
BioLifeSolutions.com

## Ordering Information

Product Name	Size	Part #
CryoStor® CSB	500mL bottle	200104
CryoStor® CSB	100mL bottle	200102
CryoStor® CSB	1000mL bag	200210

## Related Products

CryoStor® CS2, CS5, CS10  
Please visit website for ordering information.

## To Order

**Call:** 1.866.424.6543 | **Fax:** 425.402.1433  
**Sales:** SalesOne@BioLifeSolutions.com  
**Web:** BioLifeSolutions.com  
**Technical Support:** info@BioLifeSolutions.com

# CryoStor<sup>®</sup> CSB Freeze Media

## Usage and Cryopreservation Protocol

---

- CryoStor<sup>®</sup> products ship at ambient temperature. Upon receipt, store at 2° -8° C, dry and protected from light, until ready to use.
- Wipe down all surfaces of the container, including cap, with 70% ethanol before opening.
- Contents are sterile. If seal has been broken, do not use and contact Biolife Solutions<sup>®</sup>.
- Simply replace the culture media within your cryopreservation protocol with the correct amount of cold (2° -8° C) CryoStor<sup>®</sup> CSB and cryoprotectant to achieve the final desired concentration of cryoprotectant. Freeze cells following a standard slow rate controlled cooling protocol (approximately -1° C/min) and store at LN2 temperature.
- Alternatively, cells can be frozen using a stepwise freezing protocol followed by storage in LN2.  
The stepwise freezing protocol may be:
  - 20° C for 2 hours followed by -80° C for 2 hours, and subsequently in LN2.
  - 80° C for 3-4 hours in an isopropanol freezing container, and subsequently in LN2.
- Following cryopreservation storage, rapidly warm samples with gentle shaking in a 37° C water bath until all visible ice melts, then immediately dilute in cell culture medium, and plate per your standard protocol.

Further protocol support is available at [info@BioLifeSolutions.com](mailto:info@BioLifeSolutions.com).

---

Materials are manufactured under cGMP

Test methods and criteria are provided on all lot specific Certificates of Analysis and Release.

---