

CryoStor® CSB



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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

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Animal component-free and protein-free base cryopreservation formulation

Catalog #	100-0237	100 mL
	100-0238	500 mL
	100-0239	1000 mL Bag

Product Description

CryoStor® CSB is an intracellular-like base formulation of CryoStor® preservation media. It is serum-free, animal component-free, and does not contain dimethyl sulfoxide (DMSO). It is designed to improve post-thaw cell viability and function, and to reduce the level of cryopreservation-induced delayed-onset cell death.

- Serum-free and protein-free*
- USP/multi-compendial/high-quality components
- cGMP manufactured
- Sterility, endotoxin, and cell-based release testing
- DMSO-free

*Serum-free" is defined as not containing or having contact with animal or human serum; "protein-free" is defined as not containing or having contact with any animal- or human-derived protein source.

Product Information

CATALOG #	SIZE	STORAGE	SHELF LIFE
100-0237	100 mL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label. Protect from prolonged exposure to light.
100-0238	500 mL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label. Protect from prolonged exposure to light.
100-0239	1000 mL Bag	Store at 2 - 8°C.	Stable for 2 years from date of manufacture (MFG) on label. Protect from prolonged exposure to light.

Product may be shipped at room temperature (15 - 25°C); refrigerate upon receipt.

Handling / Directions for Use

Replace the culture medium within your cryopreservation protocol with the correct amount of cold (2 - 8°C) CryoStor® CSB and cryoprotectant to achieve the final desired concentration of cryoprotectant.

Cryopreserve cells using one of the following methods:

- A standard slow rate-controlled cooling protocol that reduces temperatures at approximately -1°C/min, followed by long-term storage at -135°C (liquid nitrogen) or colder. Long-term storage at -80°C is not recommended.
- A multi-step protocol where cells are kept at -20°C for 2 hours, followed by -80°C for 2 hours, followed by long-term storage at -135°C (liquid nitrogen) or colder.

CRYOSTOR PRODUCTS MEET USP <71> STERILITY AND USP <85> ENDOTOXIN TESTING STANDARDS, AND ARE MANUFACTURED UNDER CGMP.

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