



BI
Biological Industries
Culture of Excellence

CryoStem™ hPSC Freezing Medium

Powerful cryopreservation medium optimized for human pluripotent stem cells



CryoStem™ hPSC Freezing Medium is an optimized freezing solution designed for the cryopreservation of human embryonic stem (hES) and induced pluripotent stem (hiPS) cells. CryoStem™ hPSC Freezing Medium maintains defined and xeno-free conditions during cryopreservation, essential to maintaining consistency when culturing cells in a xeno-free system. CryoStem™ hPSC Freezing Medium is ready-to-use and pre-formulated with DMSO, providing a protective environment for cells during the freezing, storage, and thawing process. Cells preserved with CryoStem™ hPSC Freezing Medium show excellent attachment (Figure 1) and maintain proper pluripotency marker expression after thawing, with superior results compared to both serum-containing freezing media and other serum-free solutions¹.

- **Animal component-free**
- **Protein-free**
- **Chemically defined**
- **Manufactured under cGMP**
- **High recovery after thaw**
- **Works with many hPSC culture media**

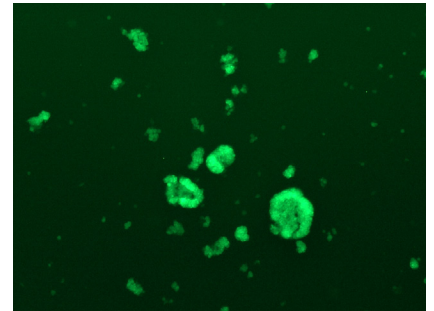
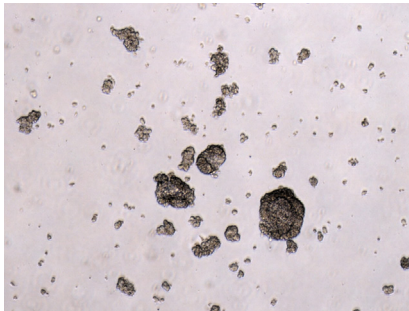


Figure 1: BG01V/hOG cells (an Oct4-GFP reporter hES cell line) frozen in CryoStem™ hPSC Freezing Medium and thawed into NutriStem® hPSC Medium on Matrigel. Images taken just 1 hour post-thaw show excellent survival and attachment of the hES cells, with high expression of Oct4 (green).

Product	Cat. #	Size
CryoStem™ hPSC Freezing Medium	05-710-1E	50 mL
	05-710-1D	10 mL

Bulk orders and custom packaging are available upon request.

1. Nishishita N, et al. An effective freezing/thawing method for human pluripotent stem cells cultured in chemically-defined and feeder-free conditions. *AJSC* 2015;4(1):38-49.

How to Order

Biological Industries USA | T. 860.316.2702 F. 860.269.0596 | orders@bioindusa.com