



CryoStem™ Freezing Medium

Powerful cryopreservation of human pluripotent stem cells



CryoStem™ Freezing Medium is a ready-to-use solution for the xeno-free cryopreservation of human embryonic stem (ES) and induced pluripotent stem (iPS) cells. CryoStem™ Freezing Medium was developed to maintain xeno-free conditions during cryopreservation when culturing cells in a xeno-free culture system, and has been extensively validated with human ES cells (H1, H9 and HuES9).

Cells preserved with CryoStem™ Freezing Medium show high viability, attachment, growth performance, and maintenance of pluripotency markers after thawing (Figure 1), with superior results compared to both serum-containing freezing media and other serum-free solutions¹.

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.

- **Animal component-free and protein-free**
- **Chemically-defined**
- **High recovery after thaw**

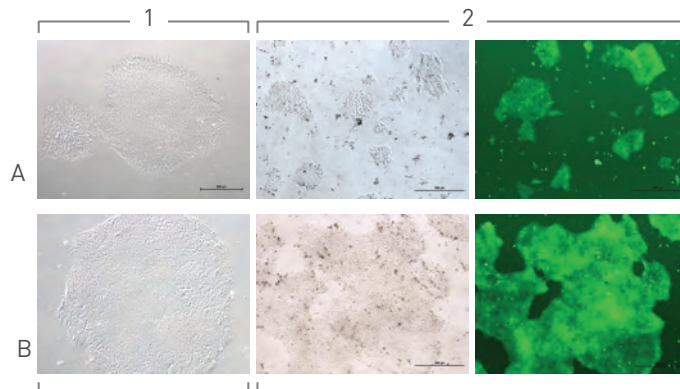


Figure 1: H1 hES cells (1) and BG01V/hOG (2) GFP reporter cells frozen in CryoStem™ Freezing Media. Cryopreserved hES cells were thawed into NutriStem® hESC Medium on Matrigel-coated plates. Cells show high viability Day 1 (A) and at Day 4 post-thaw (B).

Ordering Information

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

How to Order

Biological Industries USA | T. 860.316.2702 F. 860.269.0596 | orders-usa@bioind.com

Matrigel is a registered trademark of Corning Incorporated.

©2016 Biological Industries. All rights reserved. The trademarks mentioned herein are the property of Biological Industries and/or its affiliates or their respective owners. BIUSA 0216A

