

# BAMBANKER<sup>®</sup> hRM Serum-Free, Xeno-free Cell Freezing Medium

<For Research Use Only>

**BAMBANKER<sup>®</sup> hRM** is a xeno-free, serum-free cryopreservation medium used for cryopreserving variety of human derived cells including T lymphocytes. The cells are cryopreserved in a ultra low temperature freezer immediately after suspending with BAMBANKER<sup>®</sup> hRM.

## Features

- 1) BAMBANKER<sup>®</sup> hRM is a ready-to-use medium, directly from a container without any preparation or dilution.
- 2) A controlled-rate freezer is not required.
- 3) BAMBANKER<sup>®</sup> hRM allows rapid freezing and preserving cells immediately after placing the cells suspended with BAMBANKER<sup>®</sup> hRM in a ultra low temperature freezer at -80 ℃.
- 4) BAMBANKER<sup>®</sup> hRM is xeno-free, contains no serum.

## An example of standard cryopreservation procedure

- 1) Pellet the cells in logarithmic growth phase.
- Suspend the collected cells with BAMBANKER<sup>®</sup> hRM at a concentration of 5 x 10<sup>5</sup> ~ 1x10<sup>7</sup> viable cells/mL and dispense aliquots of this suspension into cryogenic tubes.
- 3) Then, freeze and preserve the cells in cryogenic tubes at -80 °C without preliminary freezing. Transfer the frozen cells into liquid nitrogen as required.
- 4) In use, thaw the frozen cells in a cryogenic tube quickly in a constant-temperature chamber or water bath.
- 5) Suspend the thawed cells into approximately 10 times the volume of fresh culture medium.
- 6) Mix well and spun down at 1,200rpm for 3 minutes, remove the supernatant. Now the cells are ready for culturing and following procedures.
- ★ It is quite important to collect cells growing at logarithmic phase in order to secure a high rate of viable cells after thawing.

## Sterility test

Endotoxin, Mycoplasma, Fungi, and bacteria are determined according to the methods that Japanese Pharmacopoeia recommended.

#### Applications

Human T cells, Human iPS cells, Common Marmoset ES cells

# Precautions

- Use only for research purposes, not for human uses.
- Prior to use the product, perform a confirmation test of freezing and preservation on the cells under study.
- The manufacturer shall not be responsible for any accident of damage caused by the use of this product.
- For further assistance on the use of this medium, please contact the local distributor.

Genetics Catalog No.	Description	Package Size	Storage	Expiration period
BBH01	<b>BAMBANKER<sup>®</sup> hRM</b> Serum-Free Cell Freezing Medium, containing 10% DMSO	20mL	Keep at 2~10°C	1 year after manufacture

# Manufactured by:

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