

**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°C.
- 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.
  - 2) Suspend the collected cells with BAMBANKER<sup>®</sup> hRM at a concentration of  $5 \times 10^5 \sim 1 \times 10^7$  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:

**LYMPHOTEC Inc.**

18-4, Fuyuki, Koto-Ku, Tokyo 135-0041, Japan

Tel: 81-3-3630-2530/ Fax: 81-3-3630-2531/ <http://www.lymphotec.co.jp>

Distributed by:

**NIPPON Genetics Co.,Ltd**

Hongo Tsuna Bldg., 17-9, Hongo 6-Chome, Bunkyo-ku, Tokyo, 113-0033, Japan



**Your distributor in Switzerland**

LubioScience GmbH  
 Baumackerstrasse 24  
 8050 Zürich  
 Phone 041 417 02 80  
 Fax 041 417 02 89

[info@lubio.ch](mailto:info@lubio.ch)  
[www.lubio.ch](http://www.lubio.ch)