



# BAMBANKER™ hRM

## Serum-Free, Xeno-free Cell Freezing Medium

*For research only.*

*Store at 2-10°C.*

**BAMBANKER™ 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™ hRM.

### Features

- BAMBANKER™ hRM is a ready-to-use medium and can be used directly without any preparation or dilution.
- A controlled-rate freezer is not required.
- BAMBANKER™ hRM allows rapid freezing and preserving cells immediately after placing the cells suspended with BAMBANKER® hRM in a ultra low temperature freezer at -80°C.
- BAMBANKER™ hRM is xeno-free, contains no serum.

### Operating procedure

#### Freezing

1. Pellet the cells in logarithmic growth phase\*.
2. Suspend the collected cells with BAMBANKER™ hRM at a concentration of  $5 \times 10^5 - 1 \times 10^7$  viable cells/mL and dispense aliquots of this suspension into cryogenic tubes.
3. Freeze and preserve the cells in cryogenic tubes at -80°C without preliminary freezing. Transfer the frozen cells into liquid nitrogen as required.

*\*The cells must be frozen in logarithmic growth phase in order to secure a high rate of viable cells after thawing.*

#### Thawing

1. Thaw the frozen cells in a cryogenic tube quickly in a constant-temperature chamber or water bath.
2. Suspend the thawed cells into approximately 10 times the volume of fresh culture medium.
3. Mix well and spin down at 300-400 x g for 3 minutes, remove the supernatant. The cells are now ready for culturing and other downstream experiments.

### Sterility test\*\*

Endotoxin	Colorimetric method
Mycoplasma	Culture method
Fungi and bacteria	Agar streak test

*\*\*Certificate of analysis can be issued upon request.*



### Applications (cells preserved well by cryopreservation test)

- Human T cells
- Human iPS cells
- Common Marmoset ES cells
- etc.

### Precautions

- For research use only, not for human use.
- Prior to using this medium, perform the confirmation test on a sample of the cells under study.
- The manufacturer is not responsible for any loss or damage caused by the use of this product.
- If you have any questions on the use of this medium, please contact your local distributor.

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

### Manufactured by:

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