

BAMBANKER™ Serum-Free Cell Freezing Medium

For Research Use Only

Store at 2~10°C

BAMBANKER™ is a serum-free medium for long-term storage of cells at -80°C and the preservation of valuable cultures such as tumor cells, stem cells and normal cells.

Features

Ready-to-use medium for the preservation of cells.
No dilutions required for use.
No programmable freezer system required,
Rapid and long-term freezing and preservation in a deep freezer (-80°C) or liquid nitrogen
Serum-free

Operating Procedure

- 1) Centrifuge the cells in logarithmic growth phase*, and collect $5 \times 10^5 \sim 1 \times 10^7$ cells.
- 2) Suspend the collected cells in 1 ml of BAMBANKER™, and place the cells in cryo tubes suitable for freezing and preservation. Then, freeze and preserve the cells at -80°C without step-wise freezing. If the cells are frozen at -80°C for at least 12 hours, then subsequently preserve in liquid nitrogen. If there is no -80°C freezer available, you can store the cells in liquid nitrogen if previously frozen at -20°C for at least 12 hours. In some cases, the cells can be frozen directly in liquid nitrogen but please keep in mind that some very sensitive cell lines will show a lower viability.

Thawing Procedure

1. Thawing must be carried out quickly in a constant-temperature chamber or water bath (37°C).
2. To guarantee the cells are in the best condition for culturing, suspend 1mL BAMBANKER™ solution (containing cells) in 10mL fresh culture media.
3. Mix well and centrifuge at 300-400xg for 3 minutes and remove the supernatant. The cells are now ready for culturing and other downstream experiments."

*The cells must be frozen in logarithmic growth phase.

Sterility test**

Endotoxin: Chromogenic substrate method
Mycoplasma: Fluorescent antibody method
Fungi and bacteria: As per Japanese Pharmacopoeia.

(**): Certificate of analysis can be issued upon request.)

Applications (Cells preserved well by cryopreservation test):

P3U1 (mouse myeloma cell line), K562 (human leukemia cell line), human gastric epithelial cells, human γ δT cells.
Daudi (human B cell line), PC12 (rat-derived adrenal pheochromocytoma), human B cell line
OKT4 (mouse hybridoma), monkey B cell line, activated lymphocyte derived from human peripheral blood, activated lymphocyte derived from mouse spleen.

Precautions

- ◆ Use for research purposes 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.

Catalog No.	Description	Package Size	Storage	Expiration period
BB01	BAMBANKER™ Serum-Free Cell Freezing Medium, containing 10% DMSO	120mL	Keep at 2~10°C	2 years after manufacture
BB02		5 × 20 mL		
BB03		1 × 20 mL		

Manufactured by:

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