



BAMBANKER™

Serum-Free Cell Freezing Medium

For research only.

Store at 2-10°C in the dark in a constant-temperature freezer. When stored under these conditions and handled correctly BAMBANKER™ can be used for 2 years after manufacture.

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).
- Serum-free.

Operating procedure

Freezing

1. Centrifuge the cells in logarithmic growth phase*, and collect 5×10^5 - 1×10^7 cells.
2. Suspend the collected cells in 1 ml of BAMBANKER™, and place the cells in cryo tubes suitable for freezing and preservation.
3. Freeze and preserve the cells at -80°C without step-wise freezing. The frozen cells at -80 °C can subsequently be preserved in liquid nitrogen though it is not necessary.

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

Thawing

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 1 mL BAMBANKER™ solution (containing cells) in 10 mL fresh culture media.
3. Mix well and centrifuge at 300-400 x g for 3 minutes and 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)

- P3U1 (mouse myeloma cell line)
- K562 (human leukemia cell line)
- Human gastric epithelial cells
- Human $\gamma\delta$ T cells
- Daudi (human B cell line)
- PC12(rat-derivedadrenalpheochromocytoma)
- Human B cell line
- OKT4 (mouse hybridoma)
- Monkey B cell line
- Activated lymphocyte derived from human peripheral blood
- Activated lymphocyte derived from mouse spleen
- 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
BAMBANKER™ Serum-Free Cell Freezing Medium, containing 10% DMSO	BB01	120 mL	Keep at 2-10°C	2 years after manufacture
	BB02	5 x 20 m		
	BB03	1 x 20 mL		
	BB04	1x 10 mL		

Manufactured by:

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