

BAMBANKER™ Serum-Free Cell Freezing Medium

For Research Use Only

Keep at 2~10°C

BAMBANKER™ is a serum-free medium for long-term freezing at -80°C (and liquid nitrogen) and preservation of valuable culture cells such as tumor cells and normal cells.

Features

- Ready-to-use medium for preservation of cells,
- Usable without diluting,
- No program freezer is required
- Rapid and long-term freezing and preservation in a deep freezer (-80°C)
- Serum-free

Operating Procedure

- 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 this medium, and place the cells in cryo tubes for freezing and preservation. Then, freeze and preserve the cells at -80° without preliminary freezing. The cells frozen at -80° can be preserved subsequently in liquid nitrogen.
- 3) Thawing must be carried out quickly in a constant-temperature chamber or bath (37°C)
- 4) Bambanker contains DMSO, so if you like to remove this component please transfer 1 ml of your cell suspension to 10ml fresh culture media, mix well and remove the supernatant after centrifugation. Prepare and culture the cells as usual.

*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 will 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-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 only for research purposes, not for human use.
- Prior to using this medium, perform the confirmation test on the cells under study.
- The manufacturer is not responsible for any accident or damage caused by the use of this product.
- If you have any questions on the use of this medium, please contact the 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		