



BAMBANKER™ DMSO Free

DMSO- and Serum-Free Cell Freezing Medium

For research only.

Store at 2-10°C.

BAMBANKER™ DMSO Free is a DMSO- and serum-free medium and preservation for valuable and particular sensitive culture cells. Most preservation media are blended with DMSO in order to avoid formation of ice crystals during storage. DMSO is cytotoxic and hence in particular the survival rate of sensitive cells is decreasing. Bambanker™ DMSO Free is adjusted for this kind of cells.

Features

- Ready-to-use medium for preservation of cells.
- Usable without diluting.
- No programmable freezer is required.
- DMSO- and 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 Bambanker™ DMSO Free and place the cells in cryotubes 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™ DMSO Free 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)

- Jurkat (Human leukemia T cell line)
- HEK293 (Human embryonic kidney cell line)
- HepG2 (Human liver cancer cell line)
- etc.

Precautions

- For research use only, 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.

Description	Catalog No.	Package size	Storage	Expiration period
BAMBANKER™ DMSO Free DMSO- and Serum-Free Cell Freezing Medium	BBF01	20 mL	Keep at 2-10°C	2 years after manufacture
	BBF02	10 mL		
	BBF-s	1 mL		

Manufactured by:

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