

BAMBANKER™ DIRECT

Serum-Free Cell Freezing Medium

Cat.No.: BB07 (BAMBANKER DIRECT 1x 20 ml)

STORAGE

Store at 2-10°C in the dark.

BAMBANKER™ DIRECT is intended for research use only.

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FEATURES

BAMBANKER™ DIRECT is a novel cell freezing medium, which can be added directly to culture medium without centrifuging the collected cells. Then after suspending the cells the user can freeze and preserve the cells in a deep freezer at -80°C. In order to meet customers' requests, this product has been modified not to require tiring preparation steps for freezing. This newly developed medium maximizes the work efficiency significantly.

BAMBANKER™ DIRECT is manufactured by LYMPHOTEC Inc. 5-26-9 Floral Building, Hakusan, Bunkyo-Ku, Tokyo 112-0001, Japan.

- Tiring preparation steps for freezing are not necessary
- No programmable freezer is required
- Add BAMBANKER™ DIRECT to culture medium without centrifuging the cells
- Ready-to-use without dilution
- Rapid and long-term freezing and preservation in a deep freezer (-80°)
- Serum-free

APPLICATIONS

OKT4 (mouse hybridoma), HEK293 (human embryonic kidney cell line), HEK293T (human embryonic kidney cell line), HeLa (human uterine cervical cancer cell line), K562 (human chronic myeloid leukemia cell line), C2C12 (mouse skeletal muscle cell line), PC12 (rat adrenal medulla tumor cell line)

STORAGE CONDITIONS

Upon receipt, store BAMBANKER™ DIRECT medium at 2-10°C in the dark in a constant-temperature freezer. When stored under these conditions and handled correctly BAMBANKER™ DIRECT can be used for 1 years after manufacture.

PRECAUTIONS

- Use only for research purposes, not for human use.
- This product contains bovine serum-derived compounds.
- 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.

STERILITY TEST

- Endotoxin: Synthetic substrate method
- Mycoplasma: PCR method
- Fungi and bacteria: As per Japanese Pharmacopoeia.

ORDERING INFORMATION

Product	Cat.No.
BAMBANKER™ DIRECT (1x 20 ml)	BB07

CONTACT INFORMATION

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For more detailed product information, contact details, questions, or trouble shooting please visit our English website www.nippongenetics.eu or our German website www.nippongenetics.de

PROTOCOL – BAMBANKER™ DIRECT

Freezing of suspended cells

- Take out cells in a culture process from an incubator.
 - Measure the same amount of BAMBANKER™ DIRECT as that of the culture medium.
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Add BAMBANKER™ DIRECT to the cells.
Conduct a gentle pipetting so that the culture medium and BAMBANKER™ DIRECT are uniformly mixed.
 - Transfer the mixed solution to cryo-tubes for freezing and preservation.
Freeze the cells at -80 °C.
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Freezing of adherent cells

- Take out cells in a culture process from an incubator.
 - Remove the culture medium
 - Rinse the cells twice with PBS. Then add cell detachment solution and heat it up.
 - Add the same amount of BAMBANKER™ DIRECT as that of the detachment solution.
Conduct a gentle pipetting so that the detachment solution and BAMBANKER™ DIRECT are uniformly mixed.
 - Transfer the mixed solution to cryo-tubes for freezing and preservation.
Freeze the cells at -80 °C.
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Thawing

- Rapidly thaw the cells at 37 °C.
 - Suspend the cells in culture medium.
 - Centrifuge the cells and then remove the supernatant.
 - Suspend the cells in culture medium and then start the seeding and cell culture.
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