BioMycoX®

CryoBanker Cell Freezing Medium

Version:3.0

Latest update: 2024.02.01

Instruction Manual

Cat. No. CB-100

Research Use Only. Not for Use in Diagnostic Procedures.

Contents

1. Product Information

Introduction

BioMycoX® CryoBanker Cell Freezing Medium is a serum-free cell cryopreservation medium designed for a broad spectrum of mammalian cell cultures. This product contains 10% DMSO, enabling stable cryopreservation and ensuring high viability post freeze-thaw procedures, thereby eliminating the potential risk of serum contamination. Provided as a ready-to-use solution, it allows for immediate storage at -80 °C without additional steps. Optimized for the cryopreservation of serum-free cultured cells and cells expressing peptides/proteins, it meets the specific needs of such applications.

Features

Serum-free

Mycoplasma-free

10% DMSO contained

High cell viability

No risk of contamination by serum-derived pathogens

Ready-to-use solution with a simple protocol

Direct freezing at -80°C

Applicable cell lists

Cell lines that are not on the list do not mean that you cannot use them, but we recommend that you check them through a sample test before using them. In addition, even if the cell lines are on the list, sample testing is recommended for cell lines that have been modified according to the purpose.

A10	C2C12	Colo203	DU145	HepG2	Kato-III	MCF-7	PC12	THle3	293T
A2781	C3H10T1/2	COS1	EJ-1	HL-60	KM12-LX	MDCK	Raji	T24	32D
Ac2F	Caco-2	COS7	ELM-D	HT-2	L5178Y	Molt-4	RAW264.7	Vero	3LL
AtT20	CHL/1U	CTLL-2	HeLa cell	Huh-7	L929	NCI-H441	sf9	WEHI3B	
Ba/F3	CHO	DLP-1	Hep3B	Jurkat	LM	NIH3T3	SK-N-MC	WiDr	
BHK-21	CHO-K1	DT40	Hepal-6	K-562	LNCap	P388	SN12C	293	

2. Contents and Storage

Materials Provided

Label	CB-100
BioMycoX® CryoBanker Cell Freezing Medium	100 ml

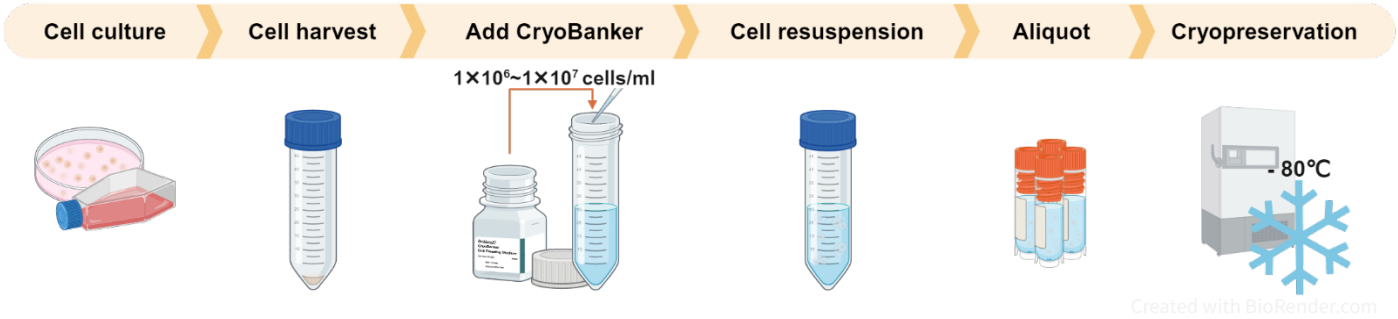
Storage

Upon receipt, store at 2~8°C.

Please check the label on the product for details.

3. Test Protocol

Workflow



Freezing

For optimum results, cells for cryopreservation should be in log phase of growth. Similar or standard freezing protocols may be substituted.

1) Examine and ensure the cell culture is free of contamination.

2) Perform a cell count to determine cell viability.

3) Gently pellet the cells by centrifugation (5~10 minutes at 1,000 ~ 2,000 rpm). Remove the supernatant.

4) Gently resuspend the cells with CryoBanker cryopreservation medium (1×10^6~1×10^7 cells/ml).

5) Dispense the cell suspension in 1ml aliquots into cryopreservation vials.

6) Store vials directly at -80°C.

Thawing

1) Remove the frozen cell from storage and quickly thaw in a 37°C water bath.

2) Immediately dilute and gently mix each 1ml of cells with 10ml of complete cell culture medium.

3) Gently pellet the cells by centrifugation (5~10 minutes at 1,000 ~ 2,000 rpm). Remove the supernatant.

4) Gently resuspend the cells in complete cell culture medium and plate them in a culture flask or dish.

5) Continue the further culture procedures according to the cell culture method suitable for thawed cells.