

One step solution for cell culture and storage

COS banker COS banker II



COS Banker is a one-step solution for cell culture and storage. Suspend culture cells in COS Banker and store at -80 degrees for long term storage (Liquid nitrogen storage is not necessary). This is a serum-free solution with no animal products added.

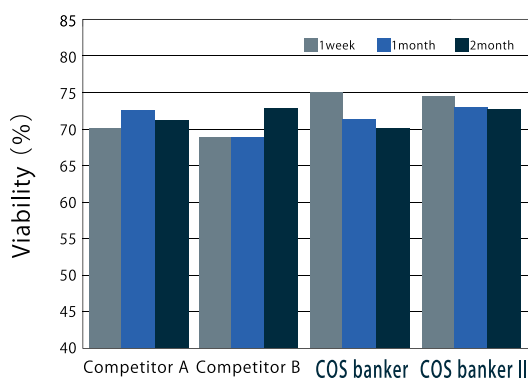


Features and Advantages

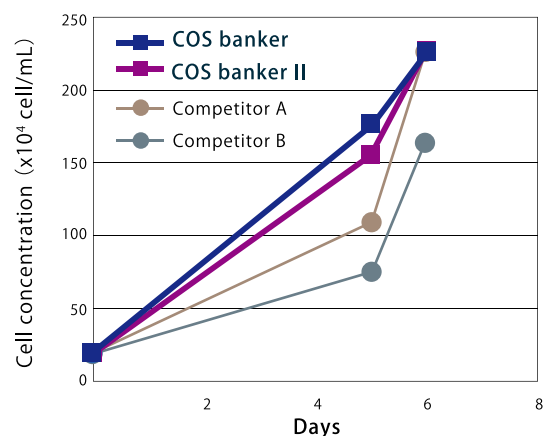
- **Ready to Use (No Dilution Required !)**
- **Possible to store the Cells at -80°C in Deep Freezer**
- **Possible to retain Cells in high Viability after defrosting**
- **Does not contain Serum or Animal products***
- **Endotoxin-free tested / Bacteria free tested**

* "Cos Banker II" contains Human Serum Albumin (GMP Grade) as Stabilizer

Comparison of cell viability in between 1 week and 1 month and 2 month by human lymphocyte



Cell proliferation after thawing (Human lymphocytes)



One-step solution for cell culture and storage

COS banker

COS banker II



Instructions for preparation

1. Collect culture cells (during logarithmic growth stage) and place 5×10^5 - 1×10^7 cells in a cryovial. Centrifuge for 5 minutes at 1,200 rpm.
2. Add 1 ml of Cos Banker to cell pellet and suspend. Freeze and store at -80°C .
3. If liquid nitrogen storage is desired, freeze cells at -80°C first before transferring to liquid nitrogen.
4. To thaw, defrost in a 37°C water bath quickly.

Note: It is ideal to use a logarithmic growth stage culture in order to increase the survival rate of cells when thawed.

Tested Applications

COS banker

- Daudi (Human Burkitt lymphoma)
- HeLa S3 (Human cervical cancer)
- K562 (Human Chronic myelogenous leukemia)
- Raji (Human Burkitt lymphoma)
- MOLT-4 (acute lymphoblastic leukemia: T-cells)
- CTLL-2 (IL-2 depending mouse T-cells)
- NIH/3T3 (Mouse fatal cells)
- PC-12 (Rat adrenal Pheochromocytoma)
- CHO-K1 (Chinese hamster ovarian cells)

COS banker II

- Activated lymphocytes from Human Peripheral blood

Specifications

Description	COS banker	COS banker II
Cat.No.	KOJ-COS-CFM01	KOJ-COS-CFM02
Size	120 mL	120 mL
Specification	Contains 10% DMSO without serum	Contains 10% DMSO and human serum albumin without FBS
Storage	$2-8^\circ\text{C}$ in a cold dark place	$2-8^\circ\text{C}$ in a cold dark place
Exp.	2 years after date of manufacture	2 years after date of manufacture

10189



COSMO BIO Co., LTD.

TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,
KOTO-KU. TOKYO 135-0016, JAPAN
TEL : (81)3-5632-9617
FAX : (81)3-5632-9618
e-mail : export@cosmobio.co.jp
URL : www.cosmobio.com

