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BioVerde
BMG Inc.

Redefining Cell Preservation — From Freezing to 4 °C

AZ PRESERVER

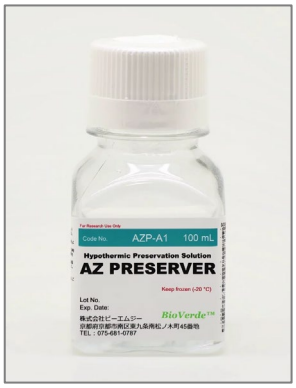
Animal-Free　Protein-Free

For more details https://www.funakoshi.co.jp/exports_contents/160758

- **4 °C Preservation Solution for Mammalian Cells and Organoids**
- **Achieves high preservation performance through patented proprietary technology**

Features

- Reduces various stresses during refrigerated storage and provides high preservation performance.
- Easy to use—simply replace the culture medium of cells and organoids.
- This product does not contain serum or protein components.
- Sterility testing has confirmed the absence of bacterial and fungal contamination.

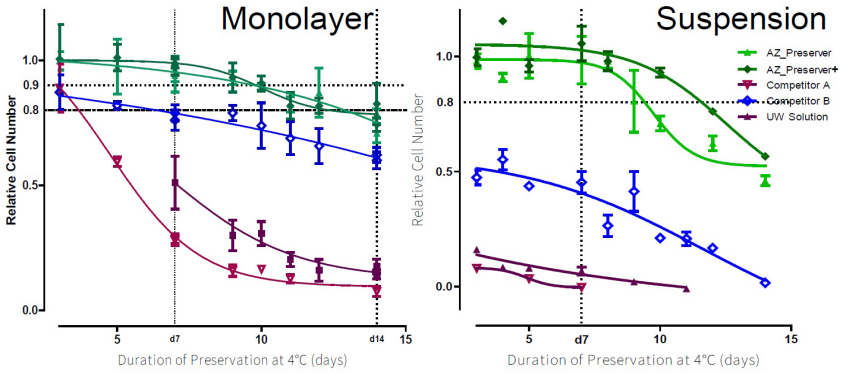


MEMO

Ideal for These Applications!

- ✓ Short-term storage and transportation of cells and organoids that are difficult to cryopreserve.
- ✓ Refrigerated storage of cell sheets.
- ✓ Transportation and temporary storage of cell-based products in regenerative medicine research.

4 °C Preservation Study of Human Adipose-Derived MSCs



Human adipose-derived MSCs were seeded onto culture plates and preserved at 4 °C using various preservation solutions at approximately 50% confluency. As a result, AZ PRESERVER maintained cell viability over a longer period compared to commercially available preservation solutions (Solution A and Solution B) and UW solution (left figure). Furthermore, even when preserved as a single-cell suspension, high viability was confirmed after re-seeding (right figure).

Proven Performance in Other Cell Types

Cell Type	Preservation Period (≧80% Viability)
Human MSCs	> 10 days
hiPSC-Derived Cardiomyocytes	> 8 days
Human iPSCs	> 10 days
HEK293 Cells	> 7days *
NIH/3T3 Cells	> 14 days
Mouse Embryos	> 5 days **

* With additional protectant addition
** Needs some compositional changes

[Manufacturer : BMG Inc. (BVD)]

Product Name	Product Code	Size	Storage
AZ PRESERVER	AZP-A1	100 mL	-20°C

NOTE
※ All products here are for research use only, not for diagnostic use.
※ Specs might be changed for improvement without notice.
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