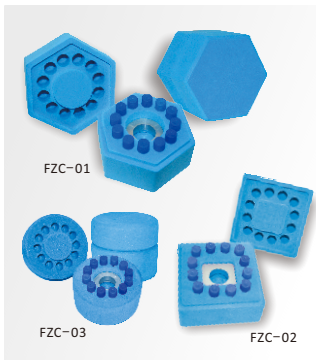


FreezeCell™

Ensure High Cell Survival Rate and Average Cooling Rate of Cell Cryopreservation



The FreezeCell™ can be used with a variety of cell types, including stem cells, primary cells, cell lines and yeast. The FreezeCell™ doesn't require any additives, all you need to do is place the FreezeCell™ into an ultra-low freezer, and the cooling will begin at -1°C per minute. It is a very good device for all protocols of cell preservation. This product is symmetrically designed with a combination of foam and alloys with no additives or emission characteristics. These products are environmentally friendly. No Need to replace any parts, and will serve you for years. The FreezeCell™ is easy to use, just insert your samples, and place in an ultra-low freezer and you're done. The FreezeCell™ greatly improves sample handling and efficiency. It promotes a greater survival rate of cells after thawing and helps to keep samples safe and worry free.

Product Features:

Easy to use:

- No need to add any liquid or pre-cooling, simply put your samples directly into the FreezeCell™, and keep all your samples in a -80°C low temperature environment.
- Easy open lid, and you can hold the FreezeCell™ directly from the -80°C freezer without any concern of frostbite to your fingers.
- Transfer the samples conveniently, you can remove the whole box or an individual sample at any time.

Low cost:

- No maintenance costs, no need to replace anything. Once you purchase the FreezeCell™, it will serve you for years to come.
- Reuse the FreezeCell™ over and over, 5-minute turnaround time.
- The FreezeCell™ foot print is minimal, and won't use up a lot of freezer space.

Higher cell survival rate:

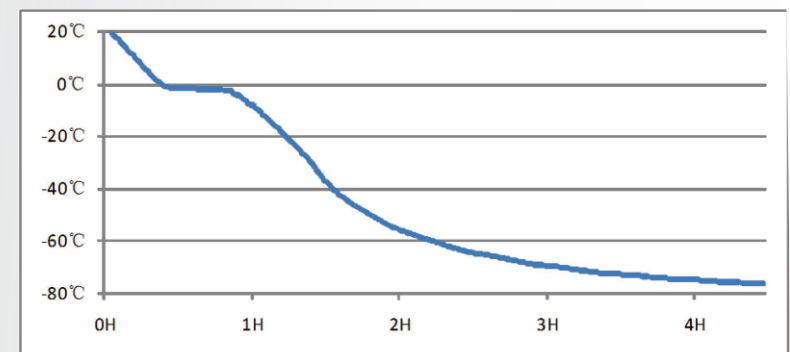
- Cooling rate consistency is very good, freeze an individual experiment, or a full load. The cooling rate on each sample is the same every time.

Usage

Simply put the samples to be frozen into FreezeCell™, and apply the lid. The FreezeCell™ must be placed in a -80°C environment for at least 3 hours, do not open during the cooling period. After the cooling process is complete, the sample can be removed and transferred to a liquid nitrogen tank for long term storage. If you need to reuse the FreezeCell™ quickly, simply open the lid and remove the tray, let them both return to room temperature, then you are ready to use again.

Cooling schematic diagram

Item Number	Specification	Weight	Note
FZC-01	5108 x 100 mm (S: Side Length)	120g	Holds 12 - 1ml / 2ml cryogenic vials or 1.5ml / 2ml centrifuge tubes. (12-φ13)
FZC-02	117 x 117 x 100 mm	160g	
FZC-03	φ117 x 100 mm	120g	



FreezeCell™ performance test