

## Cryopreservation Medium

**Product Name** Cryopreservation Medium

**Cat. No.** CS-OG-D1

**Packaging Specification** 100mL/Bottle

**Expected Use** For cryopreservation of different types of organoid.

### Identity

<b>Appearance</b>	Colorless or pale yellow transparent liquid
<b>Sterility</b>	Sterile
<b>Endotoxin</b>	< 0.5 EU/mL
<b>pH</b>	7.2±0.5

### Product description

Based on the principle of ice-controlling technology for organoid cryopreservation, this product is a ready-to-use cell cryopreservation medium with defined chemical composition, serum-free and protein-free.

**Main components** Cryoprotectants, inorganic salts, sugars, etc.

**Storage conditions and shelf life** 2-8°C, protect from light with a shelf life of 12 months.

### Instructions for use

This product is sterile and can be used directly without dilution. All cell culture procedures should be carried out in a sterile environment to prevent contamination.

### Cryopreservation

1. Collect the digested organoid or cell clusters, centrifuge ( $400 \times g$ , 5 minutes, RT) and remove the supernatant.

2. Gently tap the centrifuge tube to disperse the cell sediment.
3. Add organoid cryopreservation medium (anti-apoptotic factors could be added to the cryopreservation medium to enhance resuscitation activity if necessary) to completely cover the precipitate. Resuspend the pellet and mix well, then transfer to the cryovial.
4. Transfer the cryovial to a -80°C freezer. If long-term freezing is required, transfer to liquid nitrogen after 12 hours.

### Thawing

After removing from liquid nitrogen, immediately the cryovial into a 37°C water bath, stir to rapidly thaw the sample within 2 minutes, and proceed for downstream applications.

### Note

1. Upon receiving the product, please transfer it to a 2-8°C refrigerator for storage.
2. If the packaging is damaged, please contact our sales team immediately to replace the product.
3. This solution is expected to be handled by personnel who have received training in cell culture procedures.
4. If this product contains precipitate, turbidity or unclearly, do not use and contact sales team immediately.
5. To avoid contamination issues, please open the bottle cap in a sterile environment.

### Contact

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