

3DCultr Cell recovery solution for Organoid

Product description

The 3DCultr Cell recovery solution for Organoid is designed for the detection, observation, and passaging of organoids cultured on extracellular matrix (ECM). It contains specific components that enable the separation of organoids from the matrix gel and digestion into small cell clusters or single-cell states. The entire process is gentle and rapid, while maintaining cell viability. The product does not contain any biological enzymes.

Specifications

Catalog Number	C231131E/C231131S
Specifications	30 mL/100 mL

Components

Component Number	Component Name	Storage Temperature	C231131E	C231131S
C231131	3DCultr Cell recovery solution for Organoid	2~8°C	30 mL	100 mL

Storage

Shipment with ice packs. Store at 2~8°C. Shelf life: 1 year.

Note

1. For your safety and health, please wear a lab coat and disposable gloves for the operation.
2. Conduct the entire operation under aseptic conditions to avoid contamination that may affect cell growth.
3. For research use only!

Instructions

1. First, add the organoid recovery solution to the organoids after removing the culture medium, ensuring the organoids are fully submerged in the mixture with the ECM. Incubate at 4°C for 15-30 minutes to dissolve the ECM.

[Note] Monitor the digestion progress throughout the process to avoid over-digestion.

2. After digestion is complete, add an appropriate volume of organoid culture medium to terminate the digestion. Alternatively, add basic culture medium (DMEM/F12) containing 0.1% BSA or 2%-5% fetal bovine serum to ensure cell viability post-digestion (optional).

3. Centrifuge the suspension of organoids obtained from step 2 (300 g, 3 minutes), discard the supernatant, and collect the pellet for subsequent experimental procedures such as passaging and cryopreservation.