

## Cell recovery solution for Organoid

**Cat:** IC9090

**Storage:** 2-8°C, 1 year

### Introduction

Cell recovery solution for Organoid can be used in the detection, observation and passage experiments of organoids cultured based on Extracellular matrix (ECM). The unique components of the product allow organoids to be separated from the matrix glue and digested into small cell clusters or single cell states, the whole process is gentle and fast, while maintaining cell vitality, and the product does not contain any biological enzymes.

### Protocols (only for reference)

1. Firstly, add organoid recovery solution to the recovered organoids after removing the culture medium, completely immerse the organoid and matrix gel mixture, and incubate at 4 °C for 15-30 minutes to dissolve the matrix gel.

Note: Throughout the entire process, the digestion progress should be monitored to avoid excessive digestion.

2. After completion of digestion, appropriate volume of organoid medium was added to terminate digestion. Alternatively, a basal medium containing 0.1% BSA or 2%-5% fetal bovine serum (DMEM/F12) is added to ensure cell viability after digestion (optional).
3. The organoid (single cell or cell cluster) suspension obtained in step 2 was centrifuged (300 xg, 3min), and the supernant was discarded to obtain the sediment for subsequent experimental operations such as subculture and cryopreservation.

### Note

1. For your safety and health, please wear laboratory coats and disposable gloves when operating.
2. This reagent is only for use in the field of scientific research and is not suitable for clinical diagnosis or other purposes.

### Related products

*IC9091 Cell freezing medium for Organoid*

*IS9100 10× Solid tumor Tissue Digestion Solution (Organoid)*

*IP9240 2000× Paenibacillus Rid*

*IL9020 Lysis buffer for exosome*

*IN9050 100×N-2 Supplement (Sterile)*

*IN9051 100×N-2 Supplement (Sterile, Non-animal origin)*