

## Trypsin Inhibitor Solution (1×)

Cat. No. : PB180529

Size : 100mL

### General Information

Product Form	Liquid
Sterile Filtered	Yes
Specification	100mL
pH	7.0-7.6
Solvent	DPBS (Excluding calcium, magnesium, phenol red)
Storage	-5~-20°C
Shipping	Ice bag
Expiration date	12 months

Trypsin inhibitor solution, derived from soybean, is an inhibitor of trypsin, fibrinolytic enzyme, and plasma kallikrein. It can inhibit the activity of trypsin, Xa factor, fibrinolytic enzyme, and plasma kallikrein in serum-free cell culture medium. It cannot inhibit metalloproteinases, cysteine/aspartate proteases, or tissue kininase (serine proteases).

### Instructions

1. Add appropriate of trypsin-EDTA solution to the flask and observe cells under an inverted microscope until cell layer is dispersed. Add trypsin inhibitor solution (1×) and aspirate cells by gently pipetting.  
Note: The volume ratio of trypsin-EDTA solution to trypsin inhibitor solution is 1:2.
2. Transfer the cells to a centrifuge tube and spin at approximately 250 to 300 g for 5 minutes.
3. Resuspend cell pellet with serum-free culture medium and dispense into a culture flask.

### Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product has been filtered and sterilized. Pay attention to aseptic operation to avoid contamination.
3. Thaw at 2-8°C, shake well before use, avoid repeated freeze-thaw cycles, and it is recommended to pack and store in small quantities.