Trypsin-EDTA Solutions

(0.05%, 0.25%, 0.5% Trypsin with EDTA)

Cat. No. CPT001, CPT0015
Cat. No. CPT002, CPT0025
Cat. No. CPT003, CPT0035
Cat. No. CPT004, CPT0045
Cat. No. CPT005, CPT0055

1. Product Description

Trypsin-EDTA solutions are used to detach adherent cells from culture surfaces (e.g., flasks, dishes, well-plates) and to dissociate tissue masses into single-cell suspensions. Excessive treatment (high concentration or prolonged incubation) can cause severe damage to cells and tissues; therefore, optimal concentration and reaction time should be determined according to the specific cell and tissue types.

2. Composition & Specifications

Comparison of Trypsin-EDTA Formulations:

Description	BY1611, 1621	BY1621, 1622	BY1631, 1632	BY1641, 1642	BY1651
Trypsin	0.05%	0.05%	0.25%	0.5%	0.5%
EDTA	0.53 mM	0.53 mM	1 mM	5.3 mM	5.3 mM
Phenol Red	Yes	No	Yes	Yes	No
Buffer	HBSS	HBSS	HBSS	0.9% NaCl	0.9% NaCl

3. Product Quality Specifications

Appearance	pH	Sterility
Clear liquid (dependent on Phenol Red)	pH 7.3 ± 0.3	Sterile Filtered

4. Storage Conditions and Precautions

Protect from direct light and store frozen (<-10°C). Product degradation may appear as precipitates, floating particles, turbidity, or color change; discard if any are observed. Prolonged storage past the expiration date or addition of unauthorized substances may cause degradation.

5. Usage Instructions and Precautions

This product is a sterile solution. Open the cap only in a sterile environment (e.g., a clean bench) using aseptic technique. It is recommended to use the entire contents after opening; otherwise, aliquot into suitable sterile containers and store properly.