

# Trypsin-EDTA (0.25%)

## Enzymatic Cell Dissociation Reagent

Catalog # 07901

500 mL



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FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

## Product Description

Trypsin-EDTA (0.25%) is recommended for the dissociation of adherent cells, cell aggregates, and tissues into single-cell suspensions.

## Properties

- Storage:** Store at -20°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- 2.5 g/L Porcine trypsin
  - Hanks' Balanced Salt Solution (without Ca<sup>++</sup> and Mg<sup>++</sup>)
  - 1 mM EDTA•4Na

## Handling / Directions For Use

Thaw Trypsin-EDTA (0.25%) at 2 - 8°C. Mix well. If not used immediately, aliquot and store at -20°C. Once aliquots are thawed, do not re-freeze.

### CELL DISSOCIATION PROTOCOL

1. Remove medium from culture vessel and wash cell monolayer with Hanks' Balanced Salt Solution (HBSS), Modified (without Ca<sup>++</sup> and Mg<sup>++</sup>; Catalog #37250). Remove HBSS.
2. Add Trypsin-EDTA (0.25%) to completely cover the cell monolayer and incubate at 37°C for approximately 2 minutes.
3. Remove Trypsin-EDTA (0.25%) and incubate at 37°C until cells detach.
4. Add serum or serum-containing medium to the cell suspension as soon as possible to stop the enzymatic activity.
5. Resuspend cells by gently pipetting up and down to break up clumps.

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