

Trypsin-EDTA (0.25%)

Enzymatic cell dissociation reagent

Catalog # 07901

500 mL



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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

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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⁺⁺ and Mg⁺⁺)
- 1 mM EDTA • 4 Na

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 HBSS, Modified (Without Ca⁺⁺ and Mg⁺⁺; 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.

This product is hazardous. Please refer to the Safety Data Sheet (SDS).

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