Trypsin-EDTA (0.25%)

Enzymatic cell dissociation reagent

Catalog # 07901   500 mL

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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•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 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.