

Trypsin in Citrate Saline (0.25%)

Enzymatic cell dissociation reagent

Catalog # 07400

100 mL



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Product Description

Trypsin in Citrate Saline (0.25%) is recommended for the detachment of adherent cells.

Properties

- Storage:** Store at -20°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- 2.5 g/L Porcine trypsin
 - 10.0 g/L Potassium chloride
 - 1.0 g/L D-glucose
 - 5.0 g/L Trisodium citrate

Handling / Directions For Use

Thaw Trypsin in Citrate Saline (0.25%) at room temperature (15 - 25°C) or overnight 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 in Citrate Saline (0.25%) to completely cover the cell monolayer and incubate at 37°C for 2 minutes.
3. Remove Trypsin in Citrate Saline (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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