
Product Specification

Product Name:	Trypsin Solution, Without EDTA and Phenol Red
Product Code:	UCC8106

Product Description:

Trypsin is a single chain polypeptide of 223 amino acid residues which have a specificity based on positively charged Lysine and Arginine side chains. Trypsin is a member of the serine protease family. The Trypsin Solution contains 0.25% Trypsin in 0.01M Phosphate buffer saline. This solution is sterile-filtered and can be directly used for cell culture. It does not contain EDTA and Phenol Red.

Product Content(s)

Trypsin Solution	100ml
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Storage: Store solution at -20°C for 12 months

Procedures:

- Remove the medium from cell culture vessel
- Wash the cell monolayer using Phosphate buffer saline
- Add Trypsin Solution to the cell culture vessel (Note: The volume should be sufficient enough to completely cover the monolayer of cells)
- Swirl the culture vessel around to ensure Trypsin Solution covers the cells
- Incubate culture vessel at 37°C for 1-5 minutes. Monitor the cell dissociation process using an inverted microscope, to minimize cell damage. Once the dissociation process is completed, the cells in suspension will appear rounded (Note: The time required for cell dissociation will vary according to cell line)
- Once cell dissociation process is completed, add the complete media (media with serum) to inhibit the tryptic activity
- Using gentle pipetting motion, disperse the cells into single cell suspension, before proceeding to cell subculture.

Disclaimer

Please use gloves, goggles or other protective measures for your own safety. This reagent kit is intended solely for in vitro experiments and is not suitable for clinical, therapeutic, or in vivo experiments involving animals. Any consequences arising from such misuse will not be the responsibility of the provider.