

PRODUCT DESCRIPTION

Trypsin solutions are enzyme preparations derived from porcine pancreas, generally used for the isolation and dissociation of anchorage-dependent mammalian cells and tissues. The concentration of trypsin necessary for the successful isolation of cells depends primarily on the cell type and the age of the culture.

Trypsin 2.5% is a 10X concentrate of Trypsin 0.25%, the most commonly used trypsin solution, containing 25 g/L Trypsin in 0.85% saline. It must be diluted in an appropriate buffer before use. Each lot of Trypsin 2.5% (10X) is carefully manufactured to minimize loss of enzyme activity from denaturation and degradation, and quality controlled to ensure consistency and reliability.

STORAGE AND HANDLING

We recommend that Trypsin 2.5% (10X) be stored at a temperature of -5 °C to -20 °C and protected from light. Always use aseptic techniques when handling antibiotic solutions.

PRECAUTIONS

Trypsin solutions are hazardous. Review the Safety Data Sheet for additional information before handling this product.

When handling bio-hazardous materials such as human cells, safe laboratory procedures should be followed, and personal protective equipment should be worn.

LIMITATIONS

- FOR LABORATORY RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.
- The safety and efficacy of this product in diagnostic or other clinical uses has not been established.
- Results may vary due to variations among tissue/cells derived from different donors or sources.