

Trypsin Solution Biochemical

0.25% Trypsin Solution

CATALOG #
AAA174717

PRODUCT SYNONYMS

Trypsin Solution; 0.25% Trypsin Solution; Trypsin Solution biochemical

PRODUCT SPECIFICATIONS

Form/Format	Liquid
Concentration	0.25% (varies by lot)
Phenol red	Negative
Trypsin	2.5g/L
EDTA	0.2g/L
Dissolvent	10 mM PBS
Preparation and Storage	Store at -20 degree C, shading light.

ADDITIONAL INFORMATION

Related Product Information for Trypsin Solution biochemical

Trypsin is a serine hydrolase that can cut the base-side segment of the lysine and arginine residue in the polypeptide chain, hydrolyze the protein between the cells, and destroy the connection between the cells, so that the tissue or the adherent cells are dispersed into a single cell. The activity of the trypsin is related to the characteristics of the tissue or the cells, the concentration of the trypsin, the temperature and the time of action. At pH 8.0 and 37°C, the effect of the trypsin is the best. Therefore, the concentration of trypsin, the temperature and the time of the pancreatic enzyme should be grasped to avoid the excessive damage of the cells. In general, the frequently-used working concentration of the trypsin is 0.25%, while the concentration of trypsin for the semi-adherent cells or the cells is 0.05%. Since EDTA is able to bind Ca²⁺ and Mg²⁺ to destroy the cell connection to promote the dissociation of the cells, a certain amount of EDTA is often added to the trypsin solution to enhance the dissociation effect.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/biochemical/trypsin-solution/174717>