Trypsin Solution

Enzymatic Antigen Retrieval Solution

Storage: 2-8°C

Catalog No: E05-18 18ml + 90ml

Intended Use:

Formalin or other aldehyde fixation often forms protein cross-links. Sometimes, extensive cross linking of proteins in high concentration can mask the isotope of the antigen in tissue sample, which leads to poor staining or no staining. Enzyme digestion, in some cases, becomes a necessary step for successful immunohistostaining[1-2]. Trypsin Solution is designed to break the cross-links, therefore enhance immunohistochemical stains on formalin-fixed paraffin-embedded tissue. A list of antibodies that require Trypsin digestion is provided at our web site www.gbi-inc.com for your reference.

Kit Component:

1.	One bottle of Reagent 1:	0.5% Trypsin Concentrate	18ml
2.	One bottle of Reagent 2:	Trypsin Diluent	90ml

Recommended Protocol:

1) Deparaffinize and rehydrate slides.
2) Quench endogenous peroxidase activity if necessary.
3) Rinse slides in PBS three times, 2 minutes each.
4) Make Trypsin Mixture: Add Trypsin Concentrate 0.25ml to Trypsin Diluent 0.75ml (1:3)*. Mix well. For best result, pre-warm the Trypsin mixture in 37°C incubator for 10 minutes.
5) Apply 3-4 drops of Trypsin mixture to cover tissue sections and Incubate for 10-30 minutes at 37°C.
6) Rinse slides in PBS three times, 2 minutes each.
7) Resume standard immunohistochemistry staining procedure.

**Trypsin final concentration may vary depending on antigen, tissue type and fixation. The range of the final concentration may differ from 0.05% (1:10) to 0.25% (1:1)*

Storage:

Store at 2-8°C. Return the reagent back to 2-8°C after each use.

Remarks:

For research use only.