

# Solution Pepsin™

## Stabilized Pepsin Solution

- Catalog No.:** K 009
- Intended Use:** This product is designed to unmask immunoreactive sites altered by either fixation or embedding media.
- Introduction:** Fixation is one of the most critical aspects of immunostaining. If the antigen is not properly fixed it will be washed out of the specimen. On the other hand, overfixation can cause severe problems such as masking or denaturation of the antigen. Formaldehyde is probably the best all-around fixative, due to its cross-linking characteristics. Length of fixation is very critical to prevent antigen masking. Immunoglobulins are especially susceptible to overfixation with formalin. In such cases, treatment with proteolytic enzyme is required to digest excess aldehyde linkages and to expose the antigen.
- Format:** 50mL clear ready-to-use solution
- Storage:** Store at 2-8°C. Do not use beyond the expiration date stated on the label.
- Digestion Procedure:**
1. Deparaffinize tissue sections and bring them to wash buffer.
  2. Remove excess buffer from slide(s) without letting the tissue dry.
  3. Depending on the size of the tissue section add 1-2 drops of pepsin solution.
  4. Incubate slide(s) for 5-10 minutes at 37°C.
  5. Wash slide(s) with wash buffer and proceed with immunostaining.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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