

**VITRO S.A**

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PEPSIN SOLUTION (READY-TO-USE FOR ANTIGEN RETRIEVAL)

PRESENTATION:

The presentations for these ready-to-use¹ products are:

Reference / Description	Volume (mL)
MAD-024081R Pepsin (for antigen retrieval)	5
Reference / Description	Tests
MAD-024081R/V Enzyme 2 (Pepsin for antigen retrieval)	20

**The presentation / V is exclusively for the automated Vitro S.A Stainer.*

DESCRIPTION

Formaldehyde fixation alters or totally destroys the immunoreactivity of many antigens and epitopes. The negative effect of formaldehyde fixation can be successfully reversed for some markers with enzymatic digestion, while with others it does not function properly. The pepsin digestion of tissue sections previously dewaxed and hydrated with the enzyme, has been found to recover the immunoreactivity of many antigens in fixed tissues.

RECOMMENDED PROTOCOL

The pepsin solution (pH 2.0) is supplied as a single ready-to-use reagent to perform immunohistochemically techniques manually on tissue sections fixed in buffered formalin and embedded in paraffin. Protocol to be followed:

1. Dewax and hydrate the tissue sections according to the usual procedure of the laboratory.
2. Cover the sections with the pepsin solution and incubate for 10 min at 37 ° C in a humid chamber.
3. Wash twice with TBS or PBS buffer to inactivate pepsin. Each time you wash, leave the washing buffer to incubate for 5min. A coplin jar can also be used
4. Continue with the usual immunostaining procedure of each laboratory.

Note: Using the Vitro S.A Stainer the best results are obtained using the protocol established by the supplier, if you need to use this reagent in Vitro S.A Stainer please contact your supplier.

STORAGE AND STABILITY

Store the vial at 2-8 ° C. At this temperature the solution is stable for at least 12 months.

SECURITY DATA

This product is not approved for human or animal administration. It is recommended to follow the standard practices of each laboratory when handling this material. The chemical, physical and toxicological properties of this product have not been investigated in depth. Appropriate measures should be taken to avoid contact with skin and eyes, inhalation and ingestion.

SAFETY RECOMMENDATIONS

The product is intended for professional use only, not as a drug, for domestic use or for other purposes. The current version of the safety data sheet for this product can be downloaded at www.vitro.bio or can be requested to regulatory@vitro.bio.

¹ For in vitro use