

**MASTER DIAGNÓSTICA**

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[www.masterdiagnostica.com](http://www.masterdiagnostica.com)**Trypsin (for antigen retrieval)****TRYPsin SOLUTION FOR ENZYMATIC PRETREATMENT**

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**PRESENTATION:**

This product is presented as a “ready to use” product and it consists of two components:

Buffer solution:..... 15 mL

Concentrated trypsin: .....5 mL

Reference	Volume (mL)
MAD-024082R	5

This product is supplied with an specific buffer used to prepare the trypsin solution at a concentration of 0,125% just before its use.

**DESCRIPTION**

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

**WORKING PROTOCOL**

Trypsin reagent (pH 3.5) is supplied with an specific buffer (pH 7.5) used to prepare the working solution just before its use. This reagent is adequate for enzymatic digestion in immunohistochemical and *in situ* hybridization techniques on formalin-fixed and paraffin-embedded tissue sections.

Procedure to be followed:

1. Deparaffinize and hydrate tissue sections according to the standard procedure of each laboratory.
2. Preparation of the **trypsin solution (0.125%)**: Add one part of trypsin to three parts of buffer solution (1:3).
3. Cover the sections with trypsin solution (0.125%) and incubate for **10 min at 37 °C**, in a humid chamber.
4. Wash with TBS or PBS buffer to inactivate trypsin, 2 x 5 min.
5. Proceed with the standard immunostaining procedure of each laboratory.

**STORAGE-STABILITY**

Store the vial at 2-8 °C. After its use, immediately put it back at 2-8 °C. At this temperature, concentrated trypsin is stable at least for 12 months.

**SAFETY RECOMMENDATIONS**

This product is intended only for professional use in a laboratory, 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 by searching its reference on [www.vitro.bio](http://www.vitro.bio) or it can be requested at [regulatory.md@vitro.bio](mailto:regulatory.md@vitro.bio).