

HISTOLS®- Citrate Buffer

Antigen Retrieval Solution Catalog # 30010

INTENDED USE

In Vitro: This solution is intended for heat induced epitope retrieval (HIER) in immunohistochemical methods.

Description: Formalin or other aldehyde fixation can form protein cross-links that mask the antigenic sites in tissue specimen, thereby giving weak or false negative staining for immunohistochemical detection of certain proteins. This antigen retrieval solution is designed to break the protein cross-links, therefore unmask the antigens and epitopes. Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes followed by cooling at room temperature for 20 min.

MATERIALS PROVIDED

- **HISTOLS® Citrate Buffer** (pH 6,0)
Volume: 500 ml (10X)

MICROBIOLOGICAL STATE

- **Sterility:** This product is not sterile

METHODS AND PROCEDURES:

- **Dilution:**
This is a 10x concentrated reagent and should be diluted 1:10 with DI water before use.

APPLICATION

1. Place slides in a container filled with citrate buffer into the microwave oven.
2. Treat the slides for 20 minutes in boiling buffer.
3. Take out the container and let the sections cool for 20 minutes at room temperature. Note: the hot boiling buffer can cause hand injury, be careful using it.
4. Wash sections in buffer for 10 minutes.
5. Following steps should be determined by the user.














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STORAGE AND STABILITY

Store at 2-8 °C. Do not use after expiration date indicated on the label of the product. If reagent is not stored as recommended, performance must be validated by the user.

	Refer to supplied documentation		Temperature limit		Use-by date	REF	Catalogue number		European Conformity
	Consult instructions for use		Keep away from sunlight	IVD	In vitro diagnostic medical device	LOT	Batch code		Manufacturer
	Danger		Danger		Danger		Danger		

