



ANTIGEN UNMASKING SOLUTIONS

Catalog Numbers H-3300 & H-3301

Description: Citrate buffer (H-3300) or TRIS (H-3301)-based solutions to be used in a protocol to retrieve antigens at high temperature for tissues fixed in formalin and embedded in paraffin.

Unit Size: 250 ml concentrated solution

Storage Conditions: Store at 2 - 8 °C .

HIGH TEMPERATURE ANTIGEN UNMASKING TECHNIQUE FOR PARAFFIN SECTIONS

1. Cut and mount sections on slides.
2. Deparaffinize sections and rehydrate to distilled water.
3. Pour 1600 ml of distilled water into a Presto** stainless steel pressure cooker.
4. Shake well before use, and then add 15 ml of the concentrated stock Antigen Unmasking Solution.
5. Cover, but do not lock lid, and bring solution to a boil.
6. Position slides into metal staining racks (do not place slides close together; uneven staining may occur) and lower into pressure cooker ensuring slides are well immersed in diluted Antigen Unmasking Solution. Lock lid. The air vent/cover lock and overpressure plug will rise.
7. As soon as the pressure regulator begins to rock gently, indicating the cooker has pressurized, start timing.
8. After one minute, remove the pressure cooker from heat source and run under cold water. **DO NOT OPEN LID UNTIL THE INTERNAL PRESSURE HAS BEEN COMPLETELY REDUCED AND THE AIR VENT/COVER LOCK DROPS.** After the air vent/cover lock drops, open lid, remove slides and place immediately into a tap water bath. **DO NOT LET SECTIONS DRY OUT.**
9. Wash sections in PBS buffer (pH 7.5) for 5 minutes.
10. Follow standard protocol for immunohistochemical labeling.

NOTE: Although this protocol is for use with a pressure cooker, the diluted Antigen Unmasking Solution can be used in other high temperature unmasking procedures.

** For other brands of pressure cookers, follow the manufacturers' instructions and safety recommendations for use.

DISPOSAL OF REAGENTS

Flush to sewer if allowed or dispose of reagents according to local regulations.

MSDS available online at: www.vectorlabs.com

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A multi-lingual version of this data sheet can be found online at:-

<http://www.vectorlabs.co.uk/3398/multi-language-instructions/>

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