

## Tris-EDTA HIER Solution (10x) pH 9.0

**Description:** Tris-EDTA HIER Solution (10x) pH 9.0 is a unique buffer designed to significantly enhance immunohistochemical staining with many commercially available primary antibodies. Diluted 1:10 with deionized or distilled water, this product is easy to use and highly effective.

**Uses/Limitations:** Not to be taken internally.  
 For In-Vitro Diagnostic use only.  
 Histological applications.  
 Do not use if reagent becomes cloudy.  
 Do not use past expiration date.  
 Use caution when handling reagents.  
 Non-Sterile.

|                      |               |               |
|----------------------|---------------|---------------|
| <b>Availability:</b> | <u>Item #</u> | <u>Volume</u> |
|                      | TES500        | 500 ml        |
|                      | TES999        | 1000 ml       |

**Storage:** Store at 2-8°C.

**Precautions:** Avoid contact with skin and eyes.  
 Harmful if swallowed.  
 Follow all Federal, State, and local regulations regarding disposal.

### Preparation of Reagent Prior to Beginning:

1. Prepare working solution by combining 10 ml of Tris-EDTA HIER Solution (10x) pH 9.0 with 90 ml of DI/Distilled water and mix well. Working solution may be stored at 2-8°C for 30 days.

### Procedure (Pressure Cooker):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. In an autoclavable (Coplín) staining jar add working Tris-EDTA solution.
3. Loosely cap the coplín jar and place in a pressure cooker for 10 minutes to warm solution (Prior to submersion of slides).
4. Carefully remove the coplín jar from pressure cooker, remove cap and submerge slides. Recap loosely and return jar to pressure cooker.
5. Turn on heat and allow pressure to rise to 20-25 PSI. Maintain pressure at 20-25 PSI for 5 minutes.
6. Turn off heat and allow pressure to return to ambient.
7. Carefully remove the jar from the pressure cooker and remove the lid. Allow the solution to return to ambient temperature. If desired, the jar with the lid removed may be placed in a cool-water bath to reduce wait time.
8. Remove slides and rinse with DI/Distilled water.
9. Place slide in buffer and continue as desired.

**Note:** Microwave or steamer can be used as alternative heating source to replace pressure cooker.

Storage: 2° C  8° C



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