

## **Citrate Buffer (10x) HIER Solution, pH 6.0**

### **Product Description**

This 10x Citrate Buffer HIER Solution (pH 6.0) is specially formulated to enhance immunohistochemical staining with various commercially available primary antibodies. It should be diluted 1:10 with distilled or deionized water prior to use. The buffer is simple to prepare and delivers effective results.

### **Intended Use and Limitations**

- For Research Use Only (RUO)
- Suitable for histological procedures
- Not for internal consumption
- Do not use if the solution appears cloudy
- Avoid using beyond the expiration date
- Handle reagents with care
- Product is non-sterile

### **Available Sizes**

- GCB500: 500 mL
- GCB999: 1000 mL

### **Storage**

Store at 2-8°C.

### **Safety Precautions**

- Avoid contact with eyes and skin
- Harmful if ingested
- Dispose of in accordance with local, state, and federal regulations

### **Procedure Using a Steamer**

- Rehydrate tissue sections prior to antigen retrieval.
- In a plastic Coplin jar, combine 5 mL of 10x Citrate Buffer with 45 mL of distilled or deionized water.
- Loosely cap the jar and place it in a vegetable steamer to preheat the solution for 15 minutes (before adding slides).
- Using tongs, carefully remove the jar, take off the cap, and immerse the slides.
- Replace the cap loosely and return the jar to the steamer.
- Steam for 20 minutes. Allow the slides and solution to cool to room temperature naturally.
- Rinse the slides thoroughly in several changes of distilled or deionized water, followed by a rinse in buffered saline.
- Proceed with your staining protocol as required.

**Note:** As with other HIER methods, a microwave or pressure cooker may be used instead of a vegetable steamer, depending on lab preference.

For bulk quantities and pricing, visit [www.genebiosolution.com](http://www.genebiosolution.com) or contact customer service.

