

**CITRATE BUFFER CONCENTRATE (20X)**  
 (0.2 M Citrate Acid Buffer)

Storage: 2-8°C
----------------

Catalog No:	B05C-100A	100ml	<input type="checkbox"/>
	B05C-100B	100ml	<input type="checkbox"/>
	B05C-100C	100ml	<input type="checkbox"/>

**Kit Format:**  
 100 ml liquid form.

Catalog Number	Description	Size	pH
B05C-100A	0.2 M Citrate Acid Buffer	100ml	4.0
B05C-100B	0.2 M Citrate Acid Buffer	100ml	6.0
B05C-100C	0.2 M Citrate Acid Buffer	100ml	7.0

**Recommended Protocol:**

Dilute 0.2 M Citrate solution 1:20 with deionized or distilled water before using. This will give a 0.01M ready-to-use citrate buffer. Refer to HIER Procedure for details.

**Precaution:**

Wear gloves and take other necessary laboratory safety procedure.

**Storage:**

Store at 2-8°C. Do not freeze.

**Remarks:**

For research use only.

**HIER Procedure for FFPE Tissue Sections:**

1. Deparaffinize in xylene and rehydrate tissue in graded alcohols.
2. Block endogenous peroxidase with hydrogen peroxide solution for 10 minutes.
3. Rinse with distilled water.
4. Rinse with PBS.
5. Heat ready-to-use citrate buffer in a beaker on a hot plate until the temperature of the buffer reaches 93°C-95°C. Place slides in heated buffer for 10-15 minutes.
6. Remove beaker with slides from the hot plate and allow it cool for 25-30 minutes.
7. Rinse slides with PBS 3 times, 2 minutes each time.
8. Apply avidin/biotin blocking or general blocking if required
9. Start immunostaining procedure.