Citrate Plus (10X) HIER Solution

Description: Citrate Plus (10X) HIER Solution is a unique citrate 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. Citrate Plus (10X) can be used in a vegetable steamer, autoclave, or pressure cooker. However, for optimal results we recommend the autoclave or pressure cooker. pH 6.2 ± 0.2.

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 reagent. Non-Sterile.

Storage: Store at 2-8°C. Solution is stable for 24 months after date of manufacture. Do not re-use 1X working solution.

Procedure: (Autoclave/Pressure Cooker)

1. Rehydrate tissue to Deionized Water.
2. In a glass or plastic (Autoclavable) Coplin jar, add 5 ml of Citrate Plus and 45 ml of deionized water. **Note:** Always make up a fresh 1X working solution per protocol. Do not re-use.
3. Submerge slides in diluted Citrate Plus and loosely cap.
4. Add Distilled water to bottom of Autoclave or Pressure Cooker (about 1 inch deep in Pressure Cooker).
5. Place Coplin jar in Pressure Cooker or Autoclave.
6. Turn heat on and allow pressure to rise to 20-25 PSI.
7. Maintain pressure at 20-25 PSI for 5 minutes.
8. Turn off heat source and allow to cool.
9. When pressure has dropped to ambient, carefully remove lid or open door.
10. Using tongs, remove Coplin Jar and place on counter.
11. Once Coplin Jar cools to room temperature remove slides, rinse several times in buffer and proceed with staining as usual.

REF **ZD2 (1,000 ml)**