

Citrate Plus (10X) HIER Solution

Description: Citrate Plus (10X) HIER Solution is a unique citrate buffer designed to enhance immunohistochemical staining significantly 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 use of an 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 it if the reagent becomes cloudy. Do not use past expiration dates. Use caution when handling reagents. Non-Sterile.

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

Procedure: (Autoclave/Pressure Cooker)

1. Rehydrate tissue with 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 reuse.
3. Submerge slides in diluted Citrate Plus and loosely cap.
4. Add Distilled water to the bottom of the Autoclave or Pressure Cooker (about 1 inch deep in the Pressure Cooker).
5. Place the Coplin jar in the Pressure Cooker or Autoclave.
6. Turn the heat on and allow pressure to rise to 20-25 PSI.
7. Maintain pressure at 20-25 PSI for 5 minutes.
8. Turn off the heat source and allow it to cool.
9. When the pressure has dropped to ambient, carefully remove the lid or open the door.
10. Using tongs, remove the Coplin Jar and place it on the counter.
11. Once the Coplin Jar cools to room temperature, remove the slides, rinse several times in buffer, and proceed with staining as usual.

REF ZD2-R (1,000 ml)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)