

Product Information

Declere Solution

ready-to-use

Catalog Number **D3690**

Store at Room Temperature

Product Description

Declere Solution combines the three pretreatment steps: deparaffinization, rehydration and unmasking of immunohistochemistry stains. It may be used on formalin-fixed, paraffin-embedded tissue sections. It standardizes the pretreatment procedure producing more consistent, more reliable results. It is completely biodegradable and non-toxic.

Reagent

The product is a ready-to-use solution.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Stable for approximately five years at room temperature.

Procedure

1. Cut 3 to 4 micron tissue sections, place on positively charged slides and air dry.
2. Dry sections in incubator for at least 2 hours at 58 °C.
3. Place up to 24 slides in slide rack.
4. Place slide rack into staining dish and fill with approximately 200 ml of Declere Solution. Prepare a second staining dish filled with approximately 200 ml of Declere Solution. (This will be used as a hot rinse following processing time in the first staining dish.)
5. Heat by one of the following methods:
 - a. Electric Pressure Cooker: Follow steps 6-10.

- b. Water Bath: Place both staining dishes in a water bath set at 99 °C for 30 minutes. Skip to Step 11.
 - c. Conventional Steamer: Place both staining dishes in a Black and Decker™ steamer or comparable steamer, cover and steam for 30 minutes. Skip to step 11.
6. Place standoff rack at base of pressure cooker.
 7. Add tap water to pressure cooker (approximately 1 inch) and turn heat to high.
 8. Place both staining dishes of Declere Solution in pressure cooker and seal per manufacturer's instructions.
 9. Set the timer for 15 minutes. When "Keep Warm" light turns on, turn the timer to the off position and depressurize the cooker per manufacturer's instructions.
 10. **Electric pressure cooker method only:** Immediately transfer slides to second staining dish, agitate and let stand for 5 minutes. Skip to Step 13.
 11. **Water bath and steamer methods only:** Immediately transfer slides to second staining dish, agitate and continue heating for 30 minutes.
 12. Wash Declere Solution off with IHC wash buffer of distilled deionized water. Discard initial Declere Solution. The second solution (hot rinse) may be reused once as the initial Declere Solution the next time the procedure is performed.
 13. Continue immunohistochemical staining according to procedure routinely employed.

Results

Will depend on staining method used.

PHC 10/10-1