

## Product Information

### CC/Mount™ Aqueous Mounting Medium

Catalog Number **C9368**

Store at Room Temperature

#### Product Description

CC/Mount™ is an aqueous based permanent mounting medium, similar to Crystal Mount™, for the permanent preservation of tissue sections stained with peroxidase and alkaline phosphatase based systems as well as with various fluorescent dyes. CC/Mount permits the long-term storage of antigens localized using organic insoluble chromogen substrates including AEC, DAB, Fast Red, BCIP/NBT, BCIP/INT, and fluorescent dyes like FITC and phycobiliproteins. The high pH of CC/Mount ensures increased stability of fluorescence intensity.

CC/Mount is an aqueous mounting medium with a very high refractive index, which when applied to the stained tissue sections can store the tissue specimens permanently without the fading of the chromogens. Because of the superior refractive index of CC/Mount, tissues mounted in this medium look like specimens mounted with organic based mounting media. No coverslipping is required with CC/Mount. However, if coverslipping is required, dried CC/Mount can be post mounted by using an organic based mounting medium.

Advantages of CC/Mount are numerous:

- no coverslip
- no exposure to organic fumes
- permanent storage of slides
- high resolution of tissue specimens

#### 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.

#### Preparation Instructions

Remove the red end cap from the bottle and cut the tip off with a sharp razor or scissors. This will allow a smooth flow of CC/Mount and prevent formation of tiny bubbles because of squeezing.

#### Storage/Stability

Store the product at room temperature. Do not refrigerate.

#### Procedure

1. Place the bottle upside down with the red end cap attached in a container before use. This will help clear CC/Mount of tiny bubbles.
2. Blot excess water from the glass slide without drying the tissue specimen. The tissue must be moist prior to mounting.
3. Apply 2–3 drops of CC/Mount on the tissue section. Gently rotate the glass slide with the movement of the wrist to make a thin layer of CC/Mount. Make sure that the tissue is completely covered.
4. Do not apply a coverslip. Place the slide in an oven preheated at 70 °C. Make sure that the oven is completely horizontal. Drying time will range from 10–20 minutes depending on the amount of CC/Mount applied.
5. Take the slide out, allow it to cool, and examine under the microscope.
6. For specimens mounted with fluorescent dyes, if heating is not desired, place a coverslip on the liquid CC/Mount and let the slide sit at room temperature for 45 minutes to 1 hour to allow the CC/Mount to dry. Seal the edges of the coverslip with nail polish for long-term storage.

#### Post-Mounting

The use of oil lens will require post mounting. Once CC/Mount is thoroughly dry and hard, apply an organic based mounting medium such as DPX and then apply a coverslip on the top. CC/Mount has a refractive index very close to organic based mounting media.

#### Removal of CC/Mount

CC/Mount is an aqueous based mounting medium and can easily be removed by soaking the slide in deionized water. Place the slide in a beaker full of deionized water on a magnetic stirrer. Gently stir the slide for a few hours to overnight for complete removal of CC/Mount.

CC/Mount is a trademark of Diagnostic Biosystems, Inc. Crystal Mount is a trademark of Biomedica Corporation.

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