

CC/MountTM Aqueous Permanent Mounting Medium

- Catalog No.:** K 002-200
- Format:** 200mL clear slightly viscous mounting medium
- Intended Use:** This product is designed for permanent mounting of tissue specimens stained with peroxidase and alkaline phosphatase-based systems and various fluorescent dyes.
- Introduction:** AEC and Fast Red are the most commonly used red chromogens for peroxidase and alkaline phosphatase based immunostaining systems. Slides stained with these chromogens cannot be stored permanently because of the lack of availability of an aqueous permanent mounting medium with high refractive index. CC/Mount is designed to fill in these limitations. CC/Mount is an aqueous mounting medium with a very high refractive index. It allows permanent storage of tissue specimens without fading of the chromogens. Because of its superior refractive index, tissues mounted in this medium look like dehydrated specimens. No coverslipping is required. If coverslipping is required, dried CC/Mount can be post mounted using an organic-based mounting medium. Advantages of CC/Mount are numerous: no coverslip is required, there is no exposure to organic fumes, it allows permanent storage of slides, and it provides a high resolution of tissue specimens. CC/Mount is compatible with chromogens like AEC, DAB, Fast Red, BCIP/NBT, BCIP/INT, and fluorescent dyes like FITC and phycobiliproteins. CC/Mount's high pH ensures increased stability of fluorescence.
- Storage:** Store at room temperature. This product contains Sodium Azide as a preservative. Do not use beyond the expiration date stated on the label.
- Mounting Procedure:**
1. Remove red tip from the bottle and cut the tip off with a sharp razor or scissors. This will help achieve smooth flow of CC/Mount and prevent formation of tiny bubbles.
 2. Place the bottle upside down in a container before use. This will help clear CC/Mount of bubbles.
 3. Blot excess water from the slide without letting tissue specimen dry. Make sure tissue is wet prior to mounting.
 4. Apply 2-3 drops of CC/Mount on the tissue section. Gently rotate the slide to make a thin layer of CC/Mount. Make sure the tissue is completely covered.
 5. Do not apply coverslip. Place slides in an oven preheated at 70°C. Make sure the oven is completely horizontal. Drying time

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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will range from 10-20 minutes depending on the amount of CC/Mount applied.

6. Take slides out, let them cool, and look at them under the microscope.
7. If heating is not desired for specimens mounted with fluorescent dyes, place a cover slip on the liquid CC/Mount and let sit at room temperature for 45 minutes to 1 hour to allow CC/Mount to dry.
8. Seal coverlisp edges with nail polish for long term storage.

Post Mounting:

Use of oil lens requires post mounting. Once CC/Mount is thoroughly dry and hard, apply an organic-based mounting media like E-Z mount, Protexx, Permound, or Shandon-Mount. Then apply a coverslip. 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 that can easily be removed by soaking the slides in de-ionized water. Place the slide in a beaker full of de-ionized water on a magnetic stirrer. Leave the slide for few hours or overnight with gentle stirring for complete removal of dry CC/Mount.

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