

Fluoro Care Anti-Fade Mountant Mounting Medium

Control Number: 901-FP001-113017

Catalog Number: FP 001 G5, G10

Description: 5.0, 10 ml, Ready-to-use

Intended Use:

For In Vitro Diagnostic Use

Summary & Explanation:

Fluoro Care Anti-Fade Mountant is an innovative, liquid-based, anti-fade mounting medium designed especially for the permanent preservation of fluorescent specimens. Fluoro Care is to be used with tissue sections stained with a multitude of fluorescent dyes.

Fluoro Care is compatible with DyLight™ Fluors, Alexa Fluors®, fluorescein, rhodamine, Texas Red and stained specimens. When using these dyes, follow the procedure described below. Do not use with Quantum Dots.

Known Applications:

Immunofluorescence (formalin-fixed paraffin-embedded tissues), cryostat sections and cell culture preparations

Supplied As:

Fluoro Care Anti-Fade Mountant 10ml (4 x 2.5ml)

A ready-to-use liquid permanent mounting medium

Materials and Reagents Needed But Not Provided:

Microscope slides, positively charged

Desert Chamber* (Drying oven)

Positive and negative tissue controls

Xylene (Could be replaced with a Xylene substitute*)

Ethanol or reagent alcohol

Decloaking Chamber* (Pressure cooker)

Deionized or distilled water

Wash buffer*(TBS/PBS)

Pretreatment reagents*

Enzyme digestion*

Protein block*

Primary antibody*

Negative control reagents*

Detection kits*

Detection Ccomponents*

* Biocare Medical Products: Refer to the Biocare Medical Catalog for further information regarding catalog number and ordering information. Certain reagents listed above are based on specific application and detection system used.

Storage and Stability:

Store at ≤-20°C upon receipt. This product may polymerize if stored at room temperature. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user.

Protocol Recommendations

1. Remove Fluoro Care Mountant from ≤-20°C and let come to room temperature before use.
2. Dry slides at 37°C for 5-10 minutes to remove water.
3. Place all slides to be mounted on a horizontal surface and apply 1-2 drops of Fluoro Care Mounting Media to the tissue sections.
4. Place an appropriate sized coverslip over sections and let mounting media dry. Slides can be viewed immediately; however, it may take 24 hours for the mounting media to fully harden.
5. Slides mounted with Fluoro Care Mountant should be stored at 2-8°C in a slide box and protected from light.
6. Store Fluoro Care Mounting Media at ≤-20°C when not in use.

Note: Microscopic air bubbles may be found after applying Fluoro Care Mountant Media. Take care not to introduce air bubbles into the media before applying.

Technical Notes:

1. pH 7.4 at 20°C
2. Fluoro Care Mountant reagent is useful for long term storage of slides; however, optimal performance of this material requires curing.
3. The refractive index increases as the mountant cures.
4. For long-term storage of slides use nail polish to secure the coverslip on slide.

Limitations:

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. The clinical interpretation of any positive or negative staining should be evaluated within the context of clinical presentation, morphology and other histopathological criteria by a qualified pathologist. The clinical interpretation of any positive or negative staining should be complemented by morphological studies using proper positive and negative internal and external controls as well as other diagnostic tests.

Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2). CLSI Wayne, PA, USA (www.clsi.org). 2011

Precautions:

1. Specimens, before and after fixation and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water.
2. Microbial contamination of reagents may result in an increase in nonspecific staining.
3. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
4. Do not use reagent after the expiration date printed on the vial.
5. The SDS is available upon request and is located at <http://biocare.net>.
6. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

Troubleshooting:

Follow the reagent specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.