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Product Information

Duolink® In Situ Brightfield Mounting Medium

Catalog Number **DUO80102**
Store at Room Temperature

Product Description

Duolink® In Situ Brightfield Mounting Medium is for use with Duolink In Situ Detection Reagents Brightfield. The Brightfield Mounting Medium is a non-aqueous (xylene based) and permanent (hard set) mounting medium.

After staining with the horseradish peroxidase (HRP) substrate included in the Duolink In Situ Detection Reagents Brightfield, specimens should be dehydrated, cleared, and then mounted with an organic medium. **Do not use** an aqueous mounting medium.

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

The Brightfield Mounting Medium is supplied ready to use.

Storage/Stability

The Brightfield Mounting Medium should be stored at room temperature in a well-ventilated area.

Procedures

Dehydration Procedure

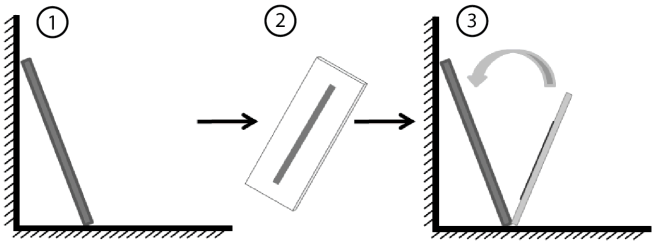
Prior to applying the mounting medium, the following dehydration procedure of the specimen is recommended:

1. Incubate in 96% ethanol (EtOH) for 2 minutes, repeat for 2 minutes in a separate 96% EtOH bath.
2. Incubate in 99.7% EtOH for 2 minutes, repeat for 2 minutes in a separate 99.7% EtOH bath.
3. Incubate in xylene for 10 minutes.
4. Move to a fresh xylene bath before mounting.

Mounting Procedure

1. Remove the specimen slide from the xylene bath and lean it at a slight angle against something stable (see Figure 1).
2. Put a line of mounting medium on a coverslip (see Figure 2).
3. Align the bottom edges of the specimen slide and the coverslip close together, and then let the coverslip tip over against the specimen slide (see Figure 3).

Figures 1–3.
Mounting Procedure



Capillary forces will distribute the mounting medium evenly. If air bubbles form in between the specimen slide and the coverslip, use a pipette tip and gently push until they are removed.

Let the slides dry, preferably overnight, before analyzing with a microscope.

Work in a well-ventilated area (fume hood) at all times.

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