

H&E MOUNT™

Permanent Mounting Media for coverslipping H&E slides from water

Technical Data Sheet

Reagent Category

Permanent mounting media for coverslipping H&E stains from water

Specific Reagents Supplied

- 125 ml of H&E mounting media
- 40 ml of H&E mounting media

PRODUCT number: NB315 (125 ml); 1,000 plus slides

PRODUCT number: NB315-40 (40ml); 400 plus slides

INTRODUCTION

“H&E Mount” is a unique, permanent mounting media designed for coverslipping specimen slides stained with hematoxylin and eosin (H&E stains) from water. “H&E Mount” hardens quickly and mounted slide preparations are ready for microscopic examination in 10 minutes.

PRODUCT DESCRIPTION

“H&E Mount” is used for coverslipping H&E stains from water. The use of H&E mounting media eliminates the need for both alcohol dehydration and xylene clearing pre-steps, slides can be simply mounted from water post H&E staining. “H&E Mount” provides permanent preservation of H&E stained tissue sections, cell smears and cyto-spins it is especially useful for mounting fine needle biopsies for indefinite storage.

H&E stained slides mounted with “H&E Mount” do not display loss of eosin or hematoxylin staining that is often observed when H&E slides are mounted from alcohol and xylene. Therefore, when mounting with “H&E Mount”, less number of dips (5 or less) in eosin is recommended.

INTENDED USE/APPLICATION

“H&E Mount” is intended for the coverslipping H&E stained biological specimen. It is intended to be applied with coverslips.

STORAGE CONDITIONS

Room temperature storage is recommended.

INSTRUCTIONS

The following is a general guideline for H&E staining. Other techniques that achieve adequate H&E staining are acceptable. No changes in the lab’s general protocol for H&E staining is required when coverslipping with Innovex H&E Mount.

H&E Staining, Progressive Method

For paraffin sections: Deparaffinize slides and rinse slides with water.

For frozen sections: Cut sections, fix and rinse well with water.

CONTINUED NEXT PAGE

Follow general lab protocol for H&E staining or follow protocol below:

1. Immerse in Innovex STAT Hematoxylin” (Innovex product # NB305) for **2-minutes** “ Innovex hematoxylin” does NOT require post treatment of slides with Ammonia water, slides stained with Innovex hematoxylin” turn blue with tap water rinse alone **OR** Immerse in Harris hematoxylin for 1-3 minutes, rinse with Ammonia water till slides turn blue (rinse sections well with tap water, too much ammonia carry over will decrease eosin staining).
2. Rinse in tap water till water runs clear.
3. Stain in eosin with **5 dips** and rinse in tap water
4. Air dry slides to evaporate as much water as possible from the surface of the slides and proceed as below with coverslipping.
5. If differentiation of H&E stains in alcohol is desired, proceed with alcohol differentiation and coverslipping from alcohol.

Mounting & drying protocol

The following is a recommended technique for coverslipping slide specimens. Other techniques that achieve the same basic result are equally acceptable.

1. Take the slides from the final wash of water or alcohol from alcohol when alcohol differentiation of H&E stains are preferred.
2. Remove excess water by tapping the slides on a paper towel, for best results; blot most of the water or let slides air dry for 10- minutes.
3. Place the slides down on a flat surface with specimen facing up and apply 2-3 drops of H&E Mount on the lower edge of the coverslip.
4. Bring the slide up to the edge of the coverslip and invert the slide so that H&E Mount touches the slide and gently complete inversion. All OTHER COVERSLIPPING TECHNIQUES ARE ACCEPTABLE.

Mounted slides with “H&E” Mount are ready in 5-10 minutes for microscopic examination.

Mounted slides should be properly stored following the microscopic examination. H&E Slides are best stored in the dark and free of dust.

Second Chance Coverslipping

If for any reason an unsatisfactory mounting such as air bubbles is encountered, re-mount slides as follows:

1. Allow the coverslip to slip off the end of the slide by holding the slide at a slight vertical angle.
2. Remove excess media as if it were excess water on a slide.
3. Re-apply mounting media and coverslip.
4. Mounted slides should be properly stored following the microscopic examination.

Coverslip Removal

When desired, coverslips mounted with “H&E Mount” may be removed by soaking the slides in warm water. The length required depends on the age of the mounted slide and may vary from 10 minutes to overnight. After softening the mounting media, slowly and gently pull back on the corner of the coverslip until it releases. Then rinse off the remaining mounting media by agitating the un-slipped slide in the warm water for a few moments.

FOR RESEARCH USE ONLY

FOR ADDITIONAL TECHNICAL SUPPORT
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