



ADVANTAGE Permanent Mounting Media for coverslipping

Technical Data Sheet

Reagent Category

Permanent mounting media for coverslipping all Immunostains, special stains & Immunofluorescence stains

Antibody Formats Supplied

- 60 ml of ADVANTAGE mounting media
- 125 ml of ADVANTAGE mounting media

PRODUCT# IMI00272E (60 ml) | IMI00277E (125 ml)

INTRODUCTION

“Advantage” Mounting Media is a **unique, permanent** mounting media designed for **coverslipping** specimen slides without requiring alcohol dehydration and xylene clearing steps. Slides are simply mounted from water. “Advantage” is **especially** applicable to coverslipping all immunostains (AEC, DAB, Fast Red) as well as all special stains and immunofluorescence stains. “Advantage” **hardens quickly** and mounted slide preparations are ready for microscopic examination **in less than 10 minutes**.

PRODUCT DESCRIPTION

Advantage™ mounting media is formulated for permanent mounting (coverslipping) of slides without the need for xylene clearing and alcohol dehydration steps. **Advantage** permanently preserves stained tissue sections (IHC and special stains) and other biological slide preparations such as cell smears and cyto-spins for indefinite storage. Advantage is a universal mounting media applicable to permanent preservation of most dyes and chromogens including alcohol soluble chromogens and stains such as AEC, Fast Red, Fast green and BCIP/NBT chromogens. **Advantage** is also suitable for mounting alcohol insoluble stains such DAB and New Fuchsin. Slides mounted with Advantage mounting media do not fade and last up to thirty (30) years. Advantage mounting media is uniquely useful for mounting delicate special stains such as **Neutral Fats Stain, crystal violet stain and thioflavin T fluorescent stain and others**. This mounting media is also suitable for mounting immunofluorescence stains. Specimen stained with FITC, R-PE, Cy3, Cy5 Texas Red and other tandem fluorochromes can be coverslipped and preserved with this mounting media.

INTENDED USE/APPLICATION

“Advantage “ is intended for the coverslipping stained biological specimen. **It is intended to be applied with coverslips**. It can also be used for making wet mounts.

STORAGE CONDITIONS

Store at room temperature through the expiration date noted on the vial label.

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INSTRUCTIONS

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 (for best results water is quite suitable), however alcohol is also acceptable.
2. Remove excess water by air drying, maximum removal of water is recommended.
3. Place the slides on a rack or a flat surface with the specimen face up and apply 2-3 drops of Advantage mounting media on the lower edge of the coverslip.
4. Bring the slide up to the edge of the coverslip and invert the slide so that the mounting media touches the slide. Gently complete inversion.
5. For immediate viewing, **Quick-Set** the coverslip by placing the mounted slides in an oven for the following time: 5 minutes at **37°C** or **let the slides sit at room temperature for 10-15 minutes. IMPORTANT: Do not leave slides at 37°C for more than one hour. Slides left longer than one hour at oven temperature may exhibit small bubble formations.**
6. Mounted slides should be properly stored following the microscopic examination.
7. Slides are best stored in the dark and free of dust.

OPTIONAL: To completely prevent formation of any small air bubbles over time, slides coverslipped with Advantage mounting media may be sealed on the edges with clear nail polish.

Second Chance Coverslipping

If for any reason you end up with an unsatisfactory mounted slide such as one with some air bubbles, 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.
5. Slides are best stored in the dark and free of dust.

Coverslip Removal

When desired, coverslips mounted with "Advantage" mounting media may be removed by soaking the slides in warm water. The length depends on the age of the mounted slide and may vary from 10 min. to over-night. 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.

NOTES

- **Advantage Mounting Media** can be used with plastic slides and coverslips as well as glass slides and coverslips.
- Mounted slides are best stored in dark for prolonged preservation of light sensitive IHC stains such as AEC and DAB.

FOR LABORATORY USE ONLY