

ADVANTAGE

Permanent Mounting Media for coverslipping

Technical Data Sheet

Reagent Category

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

Specific Reagents Supplied

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

Product # NB300-30 (30 ml), NB300 (60 ml), NB300A (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 IHC stains such as DAB, AEC, Permanent Red and Fast Red, BCIP/NBT stains as well as all special stains and immunofluorescence (IF) stains. “**Advantage**” **hardens quickly** and mounted slide preparations are ready for microscopic examination in **10-minutes**.

PRODUCT DESCRIPTION

Advantage™ mounting media is formulated for permanent mounting (coverslipping) of slides without the need for alcohol dehydration and xylene clearing pre-steps. **Advantage** permanently preserves IHC stains, special stains and fluorescence stains and is suitable for coverslipping tissue sections, 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 as DAB, Permanent Red and New Fuchsin and others. 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, Oil Red O stain, crystal violet stain and thioflavin T fluorescent stain and other special stains**.

Advantage™ 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 Advantage 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.

INSTRUCTIONS

Mounting & drying protocol

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

1. Take the slides from the final water rinse.
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 3-4 drops of Advantage mounting media on the lower edge of the coverslip.

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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. DO NOT press on coverslip; Allow Advantage mounting media to spread by itself.
5. For immediate viewing, **Quick-Set** the coverslip by placing the mounted slides in an oven for 5-minutes at 37 °C **OR let 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.
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 unsatisfactory mounted slide such as one with some air bubbles is obtained, 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.
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 minutes 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 few minutes before mounting again.

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 and fluorescence stains.

FOR ADDITIONAL TECHNICAL SUPPORT

techsupport@innovexbio.com

CALL: 1-800-622-7808 US and Canada

Phone: (510) 234-6600 Web: innovexbio.com

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