PROBE MOUNT™

Mounting Media for Immunofluorescence, *in-Situ* probes & Red based Special Stains
with or without coverslip

Technical Data Sheet

Reagent Category
Mounting media for:

For mounting immunofluorescence stains, *in-situ* probes stains & Red Special Stains with and without coverslip

Specific Reagents Supplied
☐ **60 ml of PROBE MOUNT mounting media**
☐ **30 ml of PROBE MOUNT mounting media**

PRODUCT number: NB316 (60 ml), NB316-30 (30 ml)

~~~~~~

PRODUCT DESCRIPTION

This mounting media is suitable for mounting (coverslipping) immunofluorescence stains and *in situ* stains that are counterstained with Nuclear Fast Red and also for mounting Red-based special stains.

For mounting with OR without coverslip of Immunofluorescence stains: **PROBE MOUNT** is a unique mounting media for mounting and preserving immunofluorescence stains with and without coverslip. This mounting media is highly suitable for preserving immunofluorescence specimens stained with FITC, R-PE, Cy3, Cy5, Texas Red, tandem fluorochromes as well as all other fluorochromes.

For mounting with OR without coverslip for specimens counterstained with Nuclear Fast Red: Red nuclear dyes such as nuclear-Fast Red are often used to stain or counterstain the nuclei in histological or cytological preparations. Counterstaining with Nuclear-Fast Red is commonly practiced when staining for DNA or RNA probes for contrasted viewing of BCIP/NBT blue chromogen. Nuclear-Fast Red is also used in counterstaining and preparation of special stains such as Muller-Mowry Colloidal Iron stain. Mounting of specimens counterstained or stained with nuclear-Fast Red requires a mounting media with special formulation; Nuclear-Fast Red stained specimens are best mounted with non-synthetic resinous mounting media that do not require alcohol and xylene pre-treatment steps.

PROBE MOUNT Mounting media is fluid at room temperature and does not require pre-warming. Mounting with PROBE MOUNT eliminates the need for alcohol dehydration and xylene clearing pre-steps; **slides are simply mounted from last water rinse.**

PROBE MOUNT sets quickly when applied with a glass coverslip; A 10 to 15-minute heat application at 40-50^{o}C oven expedites the hardening process and it is optional. Mounted slides can be ready for microscopic examination in 10-minutes.

PROBE MOUNT provides preservation of stained tissue sections and other biological slide specimens such as cell smears, cyto-spins, etc. for indefinite storage. PROBE MOUNT can be un-coverslipped by simple soaking in water for 1-2 hours to over-night depending on the age of mounted slide.

INTENDED USE/APPLICATION

PROBE MOUNT is intended for coverslipping special stains, immunofluorescence stains, *in-situ* DNA or RNA probes that are counterstained with Nuclear Fast Red or specimens stained with other Red-dyes. It is intended to be applied with coverslips.

STORAGE CONDITIONS

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

CONTINUED NEXT PAGE
~~~~~~

PRODUCT FORMAT
Working solution; NO dilution or adjustment is required.

INSTRUCTIONS
Mounting with coverslip & drying protocol
The following is a recommended technique for coverslipping tissue slides. Other techniques that achieve the same results are equally acceptable.

1. Take the slides from the final rinse (for best results water is quite suitable).
2. Remove excess water by tapping the slides on a paper towel, for best results let slides air dry for 5-10 minutes.
3. Place the slides down on a horizontal flat surface, face up and apply 2-3 drops of Probe Mount mounting media on the middle 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 and gently complete inversion.
5. For immediate viewing; Quick-Set the coverslip by placing the slides in a 37°C oven for 10-15 minutes OR let the mounted slides set at room temperature for 30-minutes before microscope viewing.

Mounting without coverslip & drying protocol
1. Take the slides from the final wash (for best results water is quite suitable).
2. Remove excess water by tapping the slides on a paper towel.
3. Place the slides down on a horizontal flat surface, face up and apply 3 drops of Probe Mount onto the tissue.
4. Rotate the slides covered with Probe Mount to spread to a size of a quarter and covering the tissue. section.
5. Place the slides horizontally in an oven at 45°C for 30-minutes.
6. Remove the slides from the oven and view microscopically.

When mounting immunofluorescence stains, keep slides in dark and avoid exposure to light.

Second Chance Coverslipping
If for any reasons 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 dark and free of dust.

Coverslip Removal
When desired, coverslip mounted with “PROBE MOUNT” mounting media may be removed by soaking the 1-hour 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 before mounting again.

FOR PROFESSIONAL AND RESEARCH USE ONLY

FOR ADDITIONAL TECHNICAL SUPPORT
CALL: 1.800.622.7808 US and Canada
Phone: (510) 234-6600 Web: innovexbio.com

INNOVEX
biosciences