

FluorSeal™ Aqueous Mounting Medium: DR0020-100ML

Intended Use: For research use only

Introduction: FluorSeal™ Aqueous Mounting Medium is a water-soluble medium developed for semi-permanent coverslipping of fluorescent slides. FluorSeal™ dries to a semi-rigid layer which eliminates tissue damage due to moving coverslips and facilitates long term storage.

Reagent Provided:

Reagent Descriptions	DR0020-100ML
FluorSeal™ Aqueous Mounting Medium (ready to use)	1 x 100 ml

Storage and Stability: Store at room temperature. Do not use past expiration date.

Warnings and Precautions: Avoid contact with skin and eyes. Wash after use. Observe all federal, state and local environmental regulations regarding disposal.

Protocol Recommendations:

This product is used after immunofluorescence staining, should be applied when the specimen is still wet.

1. Apply several drops of FluorSeal™ Aqueous Mounting Medium and coverslip.
2. Allow FluorSeal™ to dry for 30 minutes prior to viewing. Product will dry to a semi-solid form overnight.
3. FluorSeal™ is an aqueous based medium and may be removed by soaking in PBS overnight.

Limitations:

Immunofluorescence is a multistep process and good results will depend on the proper handling and processing of the tissue both prior to and during staining. Improper fixation, freezing, thawing, washing, drying, heating, sectioning or contamination with other tissues or fluids may produce artifacts, antibody trapping, or false negative results. Inconsistent results may be due to variations in fixation and embedding methods, or to inherent irregularities within the tissue. Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to use our product.

References:

1. Biopsy of the olfactory epithelium from the superior nasal septum: is it possible to obtain neurons without damaging olfaction? Ellen Cristine Duarte Garcia, et al. Brazilian Journal of Otorhinolaryngology, 2021, ISSN 1808-8694
2. Arenavirus nucleoprotein localizes to mitochondria. Baggio, Francesca, et al. bioRxiv 2020.
3. New Agents for Targeting of IL-13RA2 Expressed in Primary Human and Canine Brain Tumors. Debinski W, et al. PLoS ONE 8(10):e77719, 2013.