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AUTOFLUORESCENCE ELIMINATOR REAGENT

CATALOG NUMBER: 2160 **QUANTITY:** 50mL

LOT NUMBER:

DESCRIPTION: Ready-to-use for application in fluorescence microscopy procedures. With increasing age, the autofluorescent pigment lipofuscin accumulates in the cytoplasm of many cell types, including neurons. The presence of lipofuscin granules can complicate the use of fluorescence microscopy in the central nervous system because of its broad excitation and emission spectra, which overlaps with those of most commonly used fluorophores. The Autofluorescence Eliminator Reagent will reduce or eliminate lipofuscin-like autofluorescence without adversely affecting other fluorescent label in sections of human, monkey or rat neural tissue as well as other tissues.

APPLICATIONS: Fluorescence immunohistochemistry counterstain.

PROTOCOL:

- After immunofluorescence histochemistry, the sections are immersed in PBS for 5 min.
- Sections are immersed in 70% ethanol for 5 min.
- Sections are immersed in Autofluorescence Eliminator Reagent for 5 min.
- Sections are immersed in three changes of 70% ethanol for 1 min. each time.
- Sections are mounted using an antifading solution (*e.g*. DABCO, non-xylene-based).

Optimal time of incubation with the Autofluorescence Eliminator Reagent should be determined by the end user for each sample.

STORAGE/HANDLING: When stored at room temperature, this reagent is stable up to the expiration date printed on the label. Do not freeze or expose to elevated temperatures.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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