



Catalog Number: 4820-60-01

Size: 2 x 5 mL

Concentration: 50X

NeuroPore™

DESCRIPTION

NeuroPore is a ready-to-use, non-proteolytic permeabilization and blocking reagent developed for use with the NeuroTACS™ *in situ* Apoptosis Detection Kit. Many tissues of the CNS will not withstand aggressive protease treatments; NeuroPore provides gentle permeabilization of the sample and facilitates access to the DNA for the biotinylated dNTPs.

APPLICATIONS

- ◆ Use NeuroPore to permeabilize cells and tissues of the central nervous system prior to labeling with TACS™ *in situ* Apoptosis Detection Kits.
- ◆ Use as an antibody diluent in dual labeling experiments detecting both DNA fragmentation and antigens sensitive to Proteinase K treatment.

NeuroPore is tested and approved for use in NeuroTACS *in situ* Apoptosis Detection Kits.

STORAGE

This product is stable when stored at 2 - 8° C.

INSTRUCTIONS FOR USE

Exact incubations must be determined empirically for different samples. Conditions described here are suggested starting points from which optimal reaction conditions can be determined.

If required, deparaffinize samples by washing twice in xylenes for 5 minutes each wash. Rehydrate samples by passing the slide(s) through a decreasing ethanol series, then immersing in 1X PBS for 10 minutes. Dry the glass slide around the sample, but do not allow the sample to dry. Place 50 µL of NeuroPore onto each sample. Cover with a hydrophobic coverslip. Incubate at 18 - 24° C for 30 minutes, or overnight at 2 - 8° C. Immediately following incubation, proceed to the next step in the *in situ* apoptosis detection procedure. For experiments in which samples are harvested many hours or even days apart, it may be possible to store the samples in NeuroPore at 2 - 8° C. Refer to the instructions provided with each TACS *in situ* Apoptosis Detection Kit for complete details.

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