

Antigen Retrieval Buffer (100x Tris-EDTA, pH 9.0)

Substrate and Assay Reagents

Product Information

Product No.: A455

Storage: Sterile 2 to 8°C

Product Description

Background:

Immunohistochemistry relies on fixation to preserve tissues, but these treatments can have an unintended consequence: they mask the very proteins researchers are interested in. This masking occurs because fixation create cross-links between proteins, obscuring the specific sites (antigens) that antibodies need to bind to.

Antigen retrieval buffer is designed for a technique called heat-induced epitope retrieval (HIER). HIER uses heat to break these protein cross-links, essentially "unmasking" the hidden antigen sites. This allows antibodies to bind more effectively, leading to clearer and more accurate results in immunohistochemistry experiments.

Storage and Stability

This buffer solution should be stored between 2°C and 8°C.

Country of Origin

USA