

For Research Use Only

Sodium Citrate Antigen Retrieval Buffer (50X)

Catalog Number: PR30001



Description

PR30001 is a citrate based solution that can be used for performing heat-induced epitope retrieval (HIER) in immunohistochemistry applications. While treating tissues with formalin and xylene are necessary steps for fixation and deparaffinization in an immunohistochemistry workflow, such treatments often result in protein cross-linking leading to the masking of antigenic sites and the subsequent inhibition of antigen-antibody interactions. Antigen retrieval helps restore the structure of such proteins by breaking the cross-links and unmasking the antigenic sites, thereby making them more accessible to antibodies.

Components

Component	Size
Retrieval Buffer	100 mL

Package

100 mL

Storage

Stored at 2-8°C. This product is stable for 6 months from the date of receipt.

Application Note

1. Dilute to 1x before use.
2. Calculate how much antigen retrieval buffer will be needed for the experiment to prepare an appropriate amount of 1x working solution. The working solution has a shorter shelf life than the concentrate.

Validation Data



IHC analysis of rat brain tissue with Proteintech's TDP-43 rabbit recombinant antibody (80001-1-RR). Heat-induced epitope retrieval was performed using Sodium Citrate Antigen Retrieval Buffer (PR30001).

For technical support and original validation data for this product please contact

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