

10× Sodium Citrate Antigen Retrieval Solution (pH6.0)



Cat. No: E-IR-R105

Size: 100 mL/ 500 mL/ 1000 mL

Product Content

| Cat | Products | 100 mL | 500 mL | 1000 mL | Storage |
|-----------|--|--------|--------|----------|---------|
| E-IR-R105 | 10×Sodium Citrate Antigen Retrieval Solution (pH6.0) | 100 mL | 500 mL | 500 mL×2 | RT |

Introduction

The 10×Sodium Citrate Antigen Retrieval Solution (pH6.0) is designed for use during the heat induced epitope retrieval (HIER) step prior to immunohistochemistry on formalin-fixed paraffin embedded tissue sections. The buffer is used to combine with heat (often by microwave, water bath, or pressure cooker) has been shown to restore the antigenicity of proteins modified during the formalin fixation of tissue. This buffer is supplied as a 10×stock solution. Dilution of this buffer to 1×working solution results in a 10 mM Sodium Citrate solution, pH 6.0.

Instructions

The 10×Sodium Citrate Antigen Retrieval Solution is a 10×concentrated solution. Dilute with deionized water to 1×working solution before use.

For example: Take 1 mL 10×Sodium Citrate Buffer, dilute with deionized water to 10 mL.

Application Reported

IHC Antigen Retrieval Solution--10×Sodium Citrate Antigen Retrieval Solution (pH6.0) has been reported for IHC staining on Formalin-Fixed Paraffin Embedded Tissue Slices.

Experimental Procedure

- For paraffin sections:
 - Slice dewaxing and hydration, then rinse with distilled water for 5 min each time, 2 times.
 - Antigen Retrieval: immerse the sections into 1×Sodium Citrate Antigen Retrieval working solution, heat the solution at 95 ~ 100 °C for about 15 min (the antigen retrieval time can be controlled within 10 ~20 min, and the best antigen retrieval time needs to be explored according to different samples and target proteins). 1×Sodium Citrate Antigen Retrieval working solution shall be preheated to 95 ~ 100 °C before use. If the microwave oven is used in this step, please pay attention to avoid boiling and excessive water evaporation. Cool the solution to room temperature within 20 ~30 min. Wash the slices with PBS or 3 times, and then stain the slices according to the immunohistochemical staining method.
- For antigen retrieval of other samples, please refer to the steps of paraffin section.

Storage

Store at room temperature for 12 months. Avoid freezing

Cautions

- This product couldn't be used for clinical diagnosis or treatment, food or medicine, and can't be stored in residence.
- For your safety and health, please wear the lab coat and disposable gloves before the experiments.

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