

AEC Enhancer

Technical Data Sheet

Reagent Category

AEC stain amplifier

Specific Reagents Supplied

15 ml of AEC Enhancer Solution for darkening of AEC Stains

Product number: NB319 (15 ml), 200-300 slides

INTRODUCTION

AEC is a red chromogenic substance that is used in IHC staining of tissues and cell preparations. AEC chromogen in the presence of peroxidase enzyme and its substrate hydrogen peroxide forms a rust-red colored stain that serves as an indicator of the site of the target antigen in tissue or cell smears. Darker AEC stain is often desired for better contrasted microscopic viewing. **Innovex AEC Enhancer** is a reagent developed as a quick and simple way of darkening AEC stains without background.

PRODUCT DESCRIPTION

Innovex AEC Enhancer is an enhancing agent for the AEC stain. The rust-red colored AEC chromogen is widely used in IHC staining of tissue sections or cell preparations for visualization of target antigens in enzyme immunohistochemical (IHC) staining. **Innovex AEC Enhancer** is a stain darkening and amplifying reagent for AEC stains. **Innovex AEC Enhancer produces best results when applied before counterstaining with Hematoxylin or other counterstains.**

APPLICATION/ INTENDED USE

This product is intended for darkening and amplifying AEC stains employed in immunoperoxidase staining of tissue sections and cytospins **for microscopic examination.**

PRODUCT FORMAT

Working solution; **No** dilution or adjustments required; **Do Not Dilute.**

STORAGE CONDITIONS

Store in refrigerator at 2-8°C through the expiration date on the vial label.

INSTRUCTIONS

Following the completion of the incubation step with **AEC substrate/chromogen and the development of AEC stain, Rinse the AEC off with Water and apply AEC Enhancer per instruction below:**

1. Add 2 to 5 drops of AEC to cover the tissue section or the cell cytospin.
2. Incubate at room temperature for 15-minutes.
3. Rinse with water, counterstain and mount.

Please note AEC stain dissolves in xylene and alcohol and must be only coverslipped with aqueous –based mounting media. For non-fading and permanent mounting of AEC stains use ADVANTAGE Mounting media, Innovex product number NB300.

AEC Enhancer can also be used in autostainers as well.

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