

AEC Substrate (Single Solution)

<u>Cat No.</u>	<u>Quantity</u>
10-0047	15 mL Ready-To-Use
10-0005	100 mL Ready-To-Use

Intended Use For In Vitro Diagnostic Use.

AEC Substrate (Single Solution) is intended for use during IHC staining procedures on tissue sections when Horseradish Peroxidase (HRP) is used as the enzyme. Upon addition to the antibody-HRP complex, 3-amino-9-ethyl-carbazole (AEC) forms a red precipitate at the antigen location. The staining location and pattern is easily observable by light microscopy.

Reagents Supplied One bottle of Ready-To-Use AEC Substrate (Single Solution).

Procedure

1. Complete HRP steps and wash slides.
2. Add substrate solution on slides and incubate for 30 minutes at room temperature.
Note: Do not equilibrate the entire bottle at room temperature. Pour out the necessary amount of solution. Do not need to equilibrate the aliquot to room temperature before applying on specimen. Do not return excess AEC solution to primary storage container.
3. Rinse slides with tap water to remove excess substrate solution.
4. Proceed with normal counterstaining and mounting protocol using **an aqueous mounting medium**.

Storage Store at 2-8°C. Do not freeze.
All performance claims are void after the expiration date.
AEC Substrate is light sensitive. Store reagent in its original amber bottle away from direct sunlight.

Materials Required But Not Supplied

- FFPE tissue section
- Tap Water
- Aqueous Mounting Solution (Cat. 10-0033 GVA Mounting Solution; Cat. 10-0034, 10-0035 CleanMount Mounting Solution)

Precautions

For professional users only.
AEC Substrate is susceptible to contamination from oxidizing agents.
Proper handling of this product should be used according to local and applicable regulations.

Risk Statements: AEC Chromogen

R61 May cause harm to the unborn child.

Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By