

AEC Chromogen Concentrate

Description:

3-Amino-9-Ethylcarbazole, AEC Chromogen Concentrate is a widely used chromogen for immunohistochemical staining and immunoblotting. When in the presence of the peroxidase enzyme, AEC produces a vivid red end product that is soluble in alcohol. Stained slides must be mounted in any commercially available mounting media. This product is available in a convenient two component form: AEC Chromogen Concentrate and AEC Substrate. For maximum flexibility, this product is available in bulk amounts or dropper-top. Use with ScyTek AEC Substrate (ACE500 and ACE999).

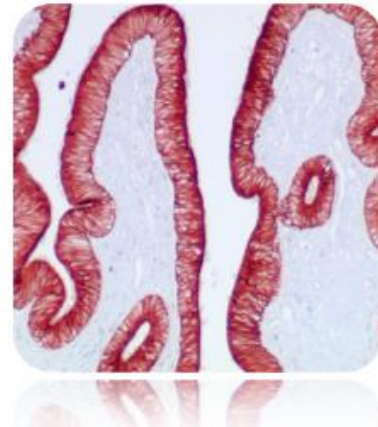
Uses/Limitations:

Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.

Control Tissue:

Any well fixed paraffin embedded or frozen tissue section.

Ordering information regarding individual components on back page!



Kit Options:

Additional Kit Reagents Sold Separately

<u>Item #</u>	<u>Components</u>	<u>Volume</u>	<u>Storage</u>
ACJ500	AEC Chromogen Concentrate	15 ml	2-8°C
	AEC Substrate Buffer	500 ml	2-8°C
ACJ999	AEC Chromogen Concentrate	30 ml	2-8°C
	AEC Substrate Buffer	1000 ml	2-8°C

Precautions:

Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Storage: 2° C  8° C

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CE 


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Procedure:

- Combine 20µl of AEC Chromogen Concentrate to each 1ml of AEC Substrate Buffer. Combined mixture must be used immediately.

NOTE: Range = 20-30µl of AEC Chromogen / 1 ml of AEC Substrate.

20µl /ml produces optimal staining quality, 30µl/ml produces maximum sensitivity.

- Dip slide one time in DI/Distilled water immediately prior to application of AEC.
- Apply mixture to tissue section.
- Incubate tissue section for 5 minutes.
- Rinse slide using DI/Distilled water.
- Apply mixture and incubate for another 5 minutes.
- Rinse slide in two changes of DI/Distilled water.
- If needed, repeat application, incubation, and rinse for a third 5 minute period.
- Counterstain as desired.
- Rinse slide in two changes of DI/Distilled water.
- Coverslip in aqueous medium.

NOTE: Dehydrating in alcohol and clearing in xylene results in immediate loss of AEC from slide.

References:

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Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
AEC Chromogen Concentrate	ACD015	15 ml
	ACD030	30 ml
	ACD125	125 ml
AEC Substrate Buffer	ACE500	500 ml
	ACE999	1000 ml

Storage: 2° C  8° C

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EC REP

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