



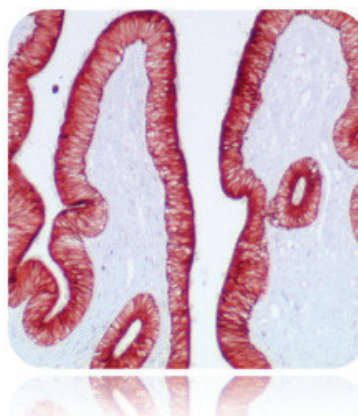
Instructions For Use ACG500-IFU		
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AEC Chromogen Kit

Description: 3-Amino-9-Ethylcarbazole (AEC) is a widely used chromogen for immunohistochemical staining and immunoblotting. When in the presence of peroxidase enzyme, AEC produces a vivid red end product that is soluble in alcohol and must be used with an aqueous counterstain and mounting media. This product is available in a two component form consisting of a liquid, refrigerator stable AEC Chromogen and AEC Substrate. Each component is individually stable for 18 months from the date of manufacture. This kit is formatted using convenient dropper-top vials.

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 Contents:

<u>Item #</u>	<u>Components</u>	<u>Volume</u>	<u>Storage</u>
ACD003	AEC Chromogen Concentrate	3 ml	2-8 °C
ACE005	AEC Substrate Buffer	5 ml x 11 vials	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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Procedure:

1. Combine 2 drops of AEC Chromogen Concentrate to one vial of AEC Substrate Buffer. Combined mixture must be used immediately.
2. Dip slide one time in DI/Distilled water immediately prior to application of AEC.
3. Apply mixture to tissue section.
4. Incubate tissue section for 5 minutes.
5. Rinse slide using DI/Distilled water.
6. Apply mixture and incubate for another 5 minutes.
7. Rinse slide in two changes of DI/Distilled water.
8. If needed, repeat application, incubation, and rinse for a third 5 minute period.
9. Counterstain as desired.
10. Rinse slide in two changes of DI/Distilled water.
11. Coverslip in aqueous medium.

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

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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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