

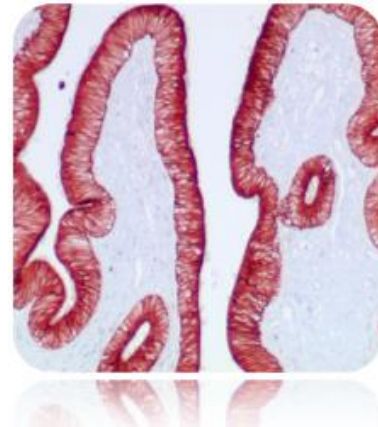
# AEC Chromogen Concentrate

**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 AEC Substrate Buffer	15 ml 500 ml	2-8°C 2-8°C
ACJ999	AEC Chromogen Concentrate AEC Substrate Buffer	30 ml 1000 ml	2-8°C 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

 ScyTek Laboratories, Inc.  
205 South 600 West  
Logan, UT 84321  
U.S.A.

**CE** 

  
Emergo Europe  
Westervoortsedijk 60  
6827 AT Arnhem, The Netherlands

### 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](http://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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