

AEC kit

Product name: AEC kit
Catalog No.: TA01AE

Introduction:

AEC is a commonly used chromogen for immunohistochemical (IHC) procedures supplied in one liquid component. In the presence of horseradish peroxidase (HRP) AEC Solution IHC deposits an intense red precipitate. The reaction product is soluble in alcohols and xylene and, therefore, aqueous counterstain and mounting media must be used.

For research use only.

Liquid. Prepare before staining.

Form:

Catalog No.	Size
TA01AE-15	15ml
TA01AE-50	50ml
TA01AE-100	100ml

TAlink AEC chromogen (20x)	3-Amino-9-Ethyl-carbazole	Concentrate	Each component add one drop into 600ul distilled water and mix well.
TAlink AEC Buffer (20X)	Substrate buffer, pH 7.5	Concentrate	
Hrdrogen peroxidase buffer(20X)	Hydrogen peroxidase	Concentrate	

Staining Protocol Recommendations:

1. After application of HRP detection, wash tissue sections for 2 minutes 3 times in PBS or TBS wash buffer.
2. Prepare AEC working solution. Add AEC chromogen and each buffer one drop(about 30ul) into 600ul distilled water and mix well.
2. Add enough AEC working solution and cover the sections.
3. Incubate for 5-10 minutes at room temperature.
4. Wash slides in running tap water at least 2 minutes.
5. Counterstain with hematoxylin and wash in tap water at least 2 minutes.
Do not dehydrate the slides in alcohol.
6. Apply a sufficient volume of aqueous mounting medium to the section and cover section in coverslips .

Storage and Stability:

Store at 2~8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical: info@biotna.net