AEC Peroxidase Chromogen Substrate Kit

Cat. No. GTX30938

Applications IHC

References (1)
Package
1 kit

PRODUCT

Content	Reagent B : Concentrated Buffer (5 ml) Reagent C : 166X Chromogen (2.5 ml) Reagent S : Substrate (3 ml)
Summary	Peroxidase chromogen-substrate 3-amino-9-ethyl-carbazole (AEC) is an excellent chromogen system that is used in Immunohistochemistry (IHC) and Immunocytochemistry (ICC). GTX30938 gives bright red color and is very compatible with hematoxylin nuclear counterstain, and it is soluble in alcohol and organic solvents therefore cannot be mounted with organic mounting medium. We recommend the aqueous mounting medium ImmunoHistoMount™, GTX30922 for mounting of this chromogen.

Applications

Application Note

Ready-to-use AEC reagent :
Note : THIS KIT CONTAINS approximately 166X CHROMOGEN. When diluted will make approx. 425 ml.
1. To 5 ml of distilled or deionized water in a test tube, add two drops of **Reagent B**, mix well.
2. Add one drop of **Reagent C**, mix well.
3. Add one drop of **Reagent S**, mix well. This ready to use reagent is good for several hours.
Note : The unused AEC solution can be discarded according to city, county, state, province or country's regulations.

Usage :
1. After the peroxidase reaction, wash slide with buffer (this buffer should not contain any sodium azide because peroxidase is inactivated), and distilled/deionized water.
2. Add few drops of **"Ready to use AEC reagent"**, incubate at RT or 37ºC for 5-10 minutes.
3. Wash 2-5X with buffer, followed by rinsing with distilled/deionized water.
4. Add counterstain compatible with AEC.
5. Wash with tap water, buffer pH 7.4 or higher followed by rinsing with distilled/deionized water.
6. Mount slide with aqueous mounting medium, GTX30922; please follow the protocol for mounting medium.

Properties

Form	Liquid
Storage	Store at 2-8ºC.
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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