



Instructions For Use		
ACV-IFU		
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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

DAB Chromogen/Substrate Bulk Pack (High Contrast)

Description:

This product has been developed for applications that require high contrast between the chromogen and Hematoxylin counterstain. The resulting stain is a darker brown than standard DAB and somewhat more sensitive. 3,3'Diaminobenzidine (DAB) is a widely used chromogen for immunohistochemical staining and immunoblotting. When in the presence of peroxidase enzyme, DAB produces a brown precipitate that is insoluble in alcohol. This product is available in a two component form consisting of a liquid, refrigerator stable DAB Chromogen and DAB Substrate (High Contrast). The use of liquid components reduces some risks associated with handling powders (ie. dust inhalation), and eliminates waste which often results from using tablets that require a predetermined final volume.

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:

<u>Item #</u>	<u>Component</u>	<u>Volume</u>	<u>Storage</u>
ACV500	DAB Substrate (High Contrast)	500 ml	2-8 °C
	DAB Chromogen Concentrate	30 ml	2-8 °C
ACV999	DAB Substrate (High Contrast)	1000 ml	2-8 °C
	DAB Chromogen Concentrate	60 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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Procedure:

- Combine 50µl of DAB Chromogen to each 1ml of DAB Substrate (High Contrast). Combined mixture may be used for up to six hours.

NOTE: Range = 50-80µl of DAB Chromogen / 1 ml of DAB Substrate.
50µl /ml produces optimal staining quality, 80µl/ml produces maximum sensitivity.

OPTIONAL: For additional sensitivity, add 20µl of DAB Enhancer (cat.# ACM030) to each 1ml of mixed solution.

- Dip slide one time in DI/Distilled water immediately prior to application of DAB.
- 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.
- Counterstain as desired.
- Dehydrate through graded alcohol, clear and coverslip in synthetic medium.


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

Description:	Catalog #	Volume
DAB Chromogen Concentrate	ACB030	30 ml
	ACB060	60 ml
	ACB125	125 ml
	ACB500	500 ml
DAB Substrate (High Contrast)	ACU500	500 ml
	ACU999	1000 ml

Storage: 2° C  8° C

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