

Product Data Sheet DAB Chromogen Kit

Cat. #: DABK-100, DABK-1L

Product Description:

3,3'-Diaminobenzidine (DAB) is used for immunohistochemical staining procedures. In the presence of peroxidase enzymes, DAB produces a brown precipitate that is insoluble in alcohol and xylene. The DAB Chromogen Kit consists of a liquid DAB chromogen and DAB substrate buffer to be mixed just prior to use.

DABK-100 is sufficient to generate 100ml of working solution.

DABK-1000 is sufficient to generate 1000ml of working solution.

Kit Contents and Storage:

Kits are offered in 100ml and 1,000ml sample size kits. All reagents should be stored in the appropriate conditions upon receipt. All components should be protected from light.

Component	Catalog No.	Volume	Quantity	Storage
DAB Chromogen	DAB-3300 DAB-11	3.3 ml, 11ml	1	2°C to 8°C
DAB Substrate Buffer	DABSB-100 DASB-1L	100 ml, 1,000 ml	1	2°C to 8°C

Reagent Preparation:

- Mix 30 ul of **DAB Chromogen** with every 1 milliliter of **DAB Substrate Buffer**.
- Reconstituted DAB Chromogen solution should be used within one day of reconstitution. Store reconstituted solution at 2°C to 8°C.

Procedure:

- Follow your laboratories standard operating procedure that utilizes any peroxidase containing conjugate (such as Horse Radish Peroxidase).
- Following binding with your peroxidase enzyme, wash away any non-specifically bound enzyme with an appropriate wash solutions such as Cytogenes TBST (Cat # TBST-1G),
- Add approximately 150 ul of Reconstituted DAB Chromogen solution to your sample and incubate at ambient temperature for 5 minutes.
- Wash away any remaining unreacted DAB Chromogen solution with an appropriate wash solutions such as Cytogenes TBST (Cat # TBST-1G).
- Continue with your standard operating procedure.