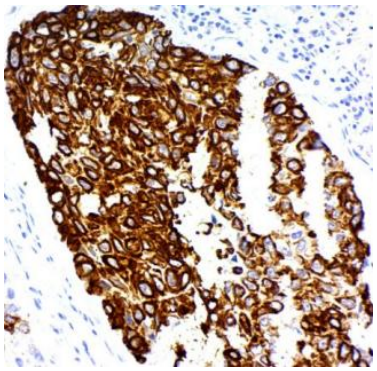
DAB Chromogen

Product Description

A common chromogen for immunohistochemical labelling and immunoblotting is 3,3'Diaminobenzidine (DAB). DAB forms a brown precipitate that is insoluble in alcohol when the peroxidase enzyme is present. This product must be mixed with a hydrogen peroxide-containing DAB substrate solution. Although the ratio can be changed as needed, the standard working dilution is 50ul (0.9 mg) of DAB Chromogen per 1ml of DAB Substrate.

Using liquid components also eliminates waste that frequently arises from using tablets that have a set final volume and lowers some of the risks associated with handling powders, such as dust inhalation. The reagent is perfect for automated stainers because it can be used for up to six hours after the two ingredients are combined.



Intended Application

- Not to be consumed internally.
- For use solely in in vitro diagnostics.
- Applications in haematology.
- If the reagents get hazy, do not use.
- Never use after the expiration date.
- When working with reagents, exercise caution.
- Not Sterile

Suggested Control Tissue

Any well-fixed frozen or FFPE tissue.

Storage

Store at 2-8°C. Stable for 18 months from the date of manufacture.

Available Components

- DCB002 – 2 ml
- DCB004 – 4 ml
- DCB030 – 30 ml
- DCB060 – 60 ml
- DCB125 – 125ml
- DCB500 – 500 ml bottle
- DCB1000 – 1000 ml bottle

For bulk quantities and pricing, visit **www.genebiosolution.com** or contact customer service.

Safety Information

Diaminobenzidine is present in DAB Chromogen. It is hypothesised that DAB causes cancer. Steer clear of the eyes and skin. The acidic substance can burn skin if it comes into touch with it. Take care when handling and dispose of in accordance with the rules.

Required Reagents (Not Included)

- DAB Substrate Buffer (Genebio Cat. #DSB)

Staining Protocol

1. Mix 50 µl of DAB Chromogen with 1 mL of DAB Substrate after HRP has been incubated and rinsed.
2. Cover the tissue part with the mixture.
3. The tissue section should be incubated for 5 to 15 minutes, or until the appropriate reaction intensity is reached.
4. Clear the tissue in xylene or xylene substitute, rinse it in buffer , counterstain it, and cover it with a coverslip.

Storage: 2° C 8° C