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DAB Substrate Kit

Catalogue No.:abx097197

DAB Substrate Kit is a kit for the detection of HRP in immunohistochemical, immunoblot and dot blot applications. Each kit contains 20 X DAB Concentrate (3 ml) and DAB Substrate (6 ml).

Tested Applications: WB, IHC

Storage: Store in the dark at 4°C.

Assay Principle: DAB (3,3'-Diaminobenzine) is a widely used chromogen for immunohistochemical staining. In the presence of HRP (Horseradish Peroxidase), DAB produces a brown precipitate that is insoluble in ethanol.

Assay Procedure:
1. Dilute the 20X DAB Concentrate with DAB substrate 20-fold. For example, add 10 µl of (20 X) DAB Concentrate to 190 µl DAB substrate and mix thoroughly. The prepared (1 X) DAB Solution should be used within 4 hours and kept in the dark.
2. Apply (1X) DAB solution to slides. Incubate slides at room temperature for 5-10 minutes.
3. If the result is positive, the slides will develop into a brown/yellow colour. Rinse slides with distilled water to stop colour development.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.
Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

Directions for use: It is recommended to set positive and negative controls to avoid false positives/ negatives. Take care to control the developing time of the DAB chromogen.

For Reference Only

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