DAB buffer

【REF】

R001-05-1L

【Package Size】

1L

【Description】

DAB buffer is a reagent specifically designed for optimal signal intensity and contrast. When in the presence of peroxidase enzyme and DAB solution, the buffer helps create a brown precipitate that is insoluble in alcohol. The standard working dilution is 50ul (0.9mg) of DAB solution per 1ml of DAB buffer, although the ratio can be adjusted as desired, the use of liquid components reduces some risks associated with handling powders, and eliminates waste which often results from using tablets that require a predetermined final volume. Once the two components are combined, the reagent can be used for up to six hours, making it ideal for automated stainers

This product is for Research Use only.

【Storage and Handling】

Store at 2-8°C. Do not freeze.

Stable for 24 months from the date of manufacture.

Shipped at ambient temperature or with wet ice.

Avoid continuous exposure to direct light.

【Reagents Provided】

DAB buffer: Contains Hydrogen Peroxide in buffer.

【Warnings and Precautions】

1. For Research Use only.
2. DAB solution: Contains Diaminobenzidine in buffer. DAB is a suspected carcinogen. Avoid contact with skin and eyes. Reagent is acidic and can cause burns if skin contact occurs. Handle with care and dispose of according to regulations. DAB buffer: Contains Hydrogen Peroxide in buffer.
3. Avoid microbial contamination of reagents as it may interfere with the results.
4. Do not use product beyond the expiration date.

【Procedure】

1. Rinse slide in deionized water prior to application of DAB mixture.
2. Combine 50µl of DAB solution with 1ml of DAB buffer and apply to tissue for 8 minutes.
3. Rinse slide in deionized water twice.
4. Counterstain as desired.
5. Dehydrate through graded alcohol, clear.

【Contact Information】

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