

Certificate of Analysis

Product: DAB substrate kit

Catalog Number: K3181500

Lot #:

Shipping Condition: Blue ice

Storage Condition: 2-8°C

Description

Horseradish Peroxidase (HRP) is a commonly used enzyme for Immunohistochemistry, Immunoblotting, ELISA, and In situ hybridization. 3,3'Diaminobenzidine (DAB) is most commonly used substrate of HRP, especially in Immunohistochemistry application. The end product is a yellow precipitate. This kit contains 5 ml of DAB and 100 ml of DAB buffer. It is enough for staining 500 standard tissue sections. It can be used for Immunohistochemistry, Immunoblotting and In situ hybridization. Components in this kit are prepared with pure chemicals according to the proprietary technology.

Quality Control

The solutions of each lot are tested by immunohistochemistry, and the results are consistent lot to lot.

Protocol

Add one drop (25-35 µl) of liquid DAB to 1 ml of DAB buffer, and mix well. This is working solution. Add the working solution to cover the tissue specimen, which has been through all the steps of immunohistochemistry except the color development. Incubate at room temperature for 5 to 30 minutes. The end product is yellow precipitate.

Kit Components

1. One DAB substrate kit, which contains the following reagents

Item	Part #	Amount	Storage
DAB	K3181500-1	5 ml	4°C
DAB buffer	K3181500-2	100 ml	4°C

2. One Certificate of Analysis
3. One MSDS

FOR RESEARCH USE ONLY

APPROVED BY: