

DAB SUBSTRATE & CHROMOGEN KIT

INTENDED USE:

For In Vitro Diagnostic Use

Catalog No

Volume

PL-060-HD	60 ml (600 test)
PL-125-HD	125 ml (1250 test)

DESCRIPTION

3,3' Diaminobenzidine (DAB) is a widely used chromogen for immunohistochemical staining and immunoblotting. In the presence of peroxidase enzyme, DAB produces a brown precipitate that is insoluble in alcohol. This product is available in a two component form consisting of a liquid, refrigerator stable DAB Chromogen and DAB Substrate. The standard working dilution is 40 µl (0.9mg) of DAB Chromogen per 1ml of DAB Substrate, although the ratio can be adjusted as desired. The use of liquid components reduces some risks associated with the handling of powders (i.e. dust inhalation) and eliminates waste that 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.

COMPONENTS

60 ML

PL-060-HD

125 ML

PL-125-HD

DAB Chromogen	PL-006-HDC	PL-012-HDC
DAB Substrate	PL-060-HDS	PL-125-HDS

WARNINGS & PRECAUTIONS

WARNING: PL-XXX-HDC contains 5 % 3-3'-diaminobenzidine tetrahydrochloride hydrate. H341 - Suspected of causing genetic defects. H351 - Suspected of causing cancer

In the case of accidental spill, clean and dispose of material according to your laboratory's SOP, local, and state regulations. In the case of damaged packaging on arrival, contact your technical support representative (refer to contact details listed).

STORAGE & SHELF LIFE

Store at 2-8°C. Each component is stable for 24 months.

MICROBIOLOGICAL STATE

Product(s) not sterile.

MATERIALS REQUIRED BUT NOT PROVIDED

N/A

SPECIMEN & REAGENT PREPARATION

Refer to Procedure.

PROCEDURE

1. Combine 1 drop (40 µl) of DAB Chromogen with each 1 ml of DAB Substrate.
2. Apply mixture to tissue section.
3. Incubate tissue section for 5-10 minutes.
4. Rinse tissue, counterstain, dehydrate, clear in xylene or xylene substitute, and coverslip.

Troubleshooting

Please contact PatoLab Technical Support by e-mail (patolab@patolab.com.tr).