

DAB Away

DAB Cleaning and Inactivation Solution
901-DA000-250-Kit-080917

BIOCARE
M E D I C A L

Catalog Number: DA000-250-Kit

Description: 250ml

Intended Use:

For In Vitro Diagnostic Use

Summary & Explanation:

Contamination with diaminobenzidine (DAB) residue can be a problem that may affect staining quality on automated immunohistochemistry stainers. In most cases, bleach simply reduces the color intensity; whereas, DAB Away removes the residual DAB stain that may clog instrument probes and tubing. This three-component kit will prepare 250 milliliters of cleaning solution. DAB Away is designed to work on Biocare's Nemesis™, and IntelliPATH™ automated stainers. DAB Away can also be used with Dako's Autostainer, Autostainer Plus and Autostainer Plus Link instruments as well as Lab Vision's Autostainer™ 360, 480 and 720 models.

Known Applications:

Cleaning of accumulated DAB residue which may clog probes and tubing on IHC instruments. DAB Away also chemically reacts with DAB to inactivate the carcinogenic properties.

Supplied As:

DAB Away Reagent 1 DA001H (25 ml)
DAB Away Reagent 2 DA002H (25 ml)
DAB Away Decolorizer DA003L2J (250 ml)

Materials and Reagents Needed But Not Provided:

Concentrated hydrochloric acid
Ethanol, 100%

Storage and Stability:

Store at room temperature. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at room temperature.

Protocol Recommendations:

Preparation of DAB Away for manual use on contaminated surfaces:

1. Prepare a solution of:
0.5 ml of DAB Away Reagent 1
0.5 ml DAB Away Reagent 2
4.0 ml of deionized water
2. Apply solution to contaminated surfaces and let stand for 5-10 minutes with occasional agitation, if possible.
3. Rinse solution from contaminated surfaces with water.
4. Apply DAB Decolorizer to surfaces and let stand for 1-2 minutes.
5. Rinse all surfaces thoroughly with water.

Nemesis, IntelliPATH and other automated staining systems:

It is suggested that the Nemesis and IntelliPATH™ be cleaned with DAB Away weekly or every 240 slides. Thorough cleaning will prevent clogging of the probe, switch motors, drain pump, sink, slide racks and waste reservoirs.

For use in automated staining systems, please follow procedure in the staining system software. (Procedure may require a solution of 5 ml of concentrated hydrochloric acid added to 95 ml of ethanol (100%), in addition to the reagents in the DAB Away Kit.)

Limitations:

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. The clinical interpretation of any positive or negative staining should be evaluated within the context of clinical presentation, morphology and other histopathological criteria by a qualified pathologist. The clinical interpretation of any positive or negative staining should be complemented by morphological studies using proper positive and negative internal and external controls as well as other diagnostic tests.

Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2). CLSI Wayne, PA, USA (www.clsi.org). 2011

Precautions:

Warning: Reagents contain strong acids that are corrosive. Avoid contact with skin and eyes. Avoid inhalation.

Eye Protection: Wear goggles or safety glasses. Use eyewash if necessary.

Skin Protection: Wear protective gloves. Wash hands thoroughly after handling.

Respiratory Protection: Wear respirator if necessary.

Ventilation: Use in well-ventilated laboratory.

Other Protective Equipment: Use lab coat to prevent contact with skin and clothing.

SDS available upon request, and is located at <http://biocare.net>.



Corrosive

Troubleshooting:

Follow the reagent specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.