

## Val DAB Away Kit

Cleaning Kit  
901-VLT8023K-072619



**BIO**CARE  
M E D I C A L

**Catalog Number:** VLT 8023 K

**Description:** Kit

### Intended Use:

For In Vitro Diagnostic Use

Val DAB Away Kit is intended for the removal of residual DAB stain that may clog instrument probes and tubing on the VALENT® Automated Slide Staining Platform. The clinical interpretation of any staining or its absence should be complemented by morphological studies and proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

### Summary & Explanation:

Contamination with diaminobenzidine (DAB) residue can be a problem that may affect staining quality on automated immunohistochemistry platforms. In most cases, bleach simply reduces the color intensity; whereas, Val DAB Away Kit removes the residual DAB stain that may clog instrument probes and tubing. This three-component kit will provide 20 clean cycles (5 months) on the VALENT. Val DAB Away is designed to work on Biocare's VALENT Automated Slide Staining Platform.

### Known Applications:

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

### Reagents Provided:

DAB Away Reagent 1 (VLT8024JJ) 1 x 50mL  
DAB Away Reagent 2 (VLT8025JJ) 1 x 50mL  
DAB Away Decolorizer (VLT8026M) 1 x 500mL

### Reconstitution, Dilution and Mixing:

The reagents are provided at ready-to-use concentrations. No reconstitution, dilution or mixing is required.

### Materials and Reagents Required But Not Provided:

Reagents and materials, such as primary antibodies, detection kits, chromogens and ancillary reagents are not provided.

Refer to the Biocare Medical website located at <http://biocare.net> for information regarding catalog numbers and ordering.

Refer to the VALENT Automated Slide Staining Platform User Manual for a complete list of VALENT specific materials and reagents required.

### Storage and Stability:

Store at room temperature. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date.

### Instructions for Use:

It is suggested that the VALENT be cleaned with Val DAB Away Kit weekly or every 250 slides. Thorough cleaning will prevent clogging of the probe, switch motors, drain pump, sink, slide racks and troughs.

Please follow procedure in the staining system software. (Procedure will also require Val Clean [VLT8028 – see Val Clean datasheet for instructions for use]).

### Instructions for Use Cont'd:

DAB Reagent 1, DAB Reagent 2 and DAB Decolorizer solutions are provided in bottles to be transferred in aliquots to empty vials for use on the VALENT Automated Slide Staining Platform. Uncap a clean, empty vial, fill with the reagent type and volume specified in the VALENT Staining Software user interface, and place the filled vial in the VALENT reagent tray. Repeat for each of the 3 DAB Away kit components. The VALENT Automated Slide Staining Platform will apply reagent as required in the automated cleaning protocol.

Refer to the VALENT Automated Slide Staining Platform User Manual for detailed instructions on instrument operation and additional protocol options.

### Limitations:

These reagents have been optimized for use with VALENT antibodies and ancillary reagents. The protocols for a specific application can vary. These include, but are not limited to fixation, heat-retrieval method, incubation times, and tissue section thickness. Third party primary antibodies may be used on the VALENT Automated Slide Staining Platform; however, appropriate antibody concentration may depend upon multiple factors and must be empirically determined by the user. Ultimately, it is the responsibility of the investigator to determine optimal conditions.

### 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](http://www.clsi.org)). 2011

### Precautions:

1. Refer to reagent Safety Data Sheet for precautions.
2. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. (1)
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the vial.



**CORROSIVE**



**IRRITANT**



**FLAMMABLE**



**HEALTH HAZARD**

### Troubleshooting:

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

### References:

1. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.