

Val-Tect Rabbit AP Polymer

Rabbit AP Polymer
901-VLT8047-041819



BIOCARE
M E D I C A L

Catalog Number: VLT 8047 G20
Description: 20 mL, Ready-to-use

Intended Use:

For In Vitro Diagnostic Use

Val-Tect Rabbit AP Polymer is a conjugated goat anti-rabbit polymer-alkaline phosphatase (AP) secondary antibody intended for use in the detection of rabbit primary antibodies on formalin-fixed, paraffin-embedded (FFPE) tissues in an immunohistochemistry (IHC) procedure 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:

The Val-Tect Rabbit AP Polymer identifies rabbit primary antibodies. This biotin-free technology utilizes a one-step procedure followed with an alkaline phosphatase (AP) chromogen for visualization. This novel AP-polymer technology provides sensitive and robust staining. The Val-Tect Rabbit AP Polymer is designed to be used on the VALENT Automated Slide Staining Platform.

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Reagents Provided:

Val-Tect Rabbit AP Polymer (VLT8047G20) 1 x 20 mL

Reconstitution, Dilution and Mixing:

Val-Tect Rabbit AP Polymer is provided ready-to-use. No reconstitution, dilution or mixing is required.

Materials and Reagents Required But Not Provided:

Reagents and materials, such as primary antibodies, 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 2°C to 8°C. 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:

Deparaffinization: Deparaffinize slides for 8 minutes with Val DePar.

Pretreatment Solution/Protocol: Please refer to the respective primary antibody data sheet for recommended pretreatment solution and protocol.

Protein Block (Optional): Block for 10-20 minutes with Val Background Block.

Primary Antibody: Please refer to the respective primary antibody data sheet for incubation time.

Tertiary: Incubate for 30-45 minutes with Val Rabbit AP Polymer.

Chromogen: Incubate for 15 min with Val Fast Red.

Instructions for Use Cont'd:

Counterstain:

1. Rinse slides with Val Aqua Rinse prior to dispensing Val Hematoxylin.
2. Incubate for 5 minutes with Val Hematoxylin.
3. Rinse with Val Aqua Rinse followed by Val Wash Buffer for bluing.

Technical Notes:

Use Val Wash Buffer. PBS-based wash buffers will inhibit alkaline phosphatase staining.

The Val-Tect Rabbit AP Polymer is provided in a vial ready for use on the VALENT Automated Slide Staining Platform. Uncap the vial and place in the VALENT reagent tray. The VALENT Automated Slide Staining Platform will apply reagent as required in the selected protocol.

Refer to the appropriate antibody data sheet for the recommended staining 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). 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.



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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.