

Product Datasheet

AutoRED AP Plus Staining Kit (Colorimetric) NBP3-12172

Unit Size: 30 ml

Store at 4C.

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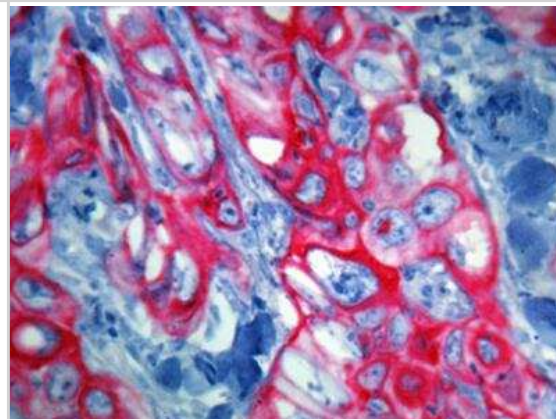
NBP3-12172**AutoRED AP Plus Staining Kit (Colorimetric)**

Product Information	
Unit Size	30 ml
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.
Product Description	
Description	<p>Prepare the Following Solutions Before Use</p> <ol style="list-style-type: none"> 1. AutoRED AP Plus 1X Working Solution: In a clean dark bottle, mix equal volumes of AutoRED AP Plus Buffer and AutoRED AP Plus Chromogen in a 1:1 ratio. 2. MAKE FRESH: WORKING SOLUTION IS STABLE FOR ONLY 20-30 MINUTES. 3. There is no preparation required for automation use. Reagents can be loaded directly on the instrument for on-slide mixing or on-board mixing. <p>Staining Procedure</p> <ol style="list-style-type: none"> 1. Once sections have been incubated with alkaline phosphatase, wash sections with wash buffer. <ol style="list-style-type: none"> a. On-Slide Mixing (Automation): AutoRED AP Plus has been formulated for direct application of the component solutions onto the slide in a specified order: sequential application of substrate buffer first, followed by chromogen in equal volumes with no washing or reagent "blow off" in between. Reversing the order of reagent application will increase background and yield suboptimal results. Incubate substrate buffer for 1-5 minutes. Incubate chromogen for 10-20 minutes. b. Batch Mode (Automation): Using Batch Mode on your instrument, wait for machine to notify you when ready, then mix chromogen and substrate-buffer in a 1:1 ratio and load onto instrument. For the best results, look under the microscope for the best signal development. Incubate working solution for 10 - 20 minutes. c. On Board Mixing (Automation): Instruments that have on-board mixing capability can load the chromogen and substrate-buffer components independently. Working solution is made mixing reagents 1:1 in on-board mixing station before application to slide. Incubate working solution for 10 - 20 minutes. d. Manual Use: Mix chromogen and substrate-buffer in a 1:1 ratio and apply directly to slide. Working solution is stable for only 20-30 minutes and should be applied immediately for best results. Incubate working solution for 10 - 20 minutes. 2. Counterstain with Hematoxylin for good contrast. Wash with DI H₂O followed by immuno wash buffer. 3. Sections can be dehydrated in alcohol, cleared in xylene or xylene substitute and permanently mounted. 4. Alternatively, slides can be air dried (instead of alcohol and xylene). After rinsing off counterstain in DI H₂O, leave slides on benchtop for at least 20 minutes to air dry, then permanently mount or use aqueous mounting media. Recommendation: For best color preservation and long term slide storage, we recommend using Tissue Preservation Solution - HRP/AP assays after counterstaining.
Kit Components	AutoRED AP Plus Substrate Buffer 30 mL, AutoRED AP Plus Chromogen 30 mL
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization



Images

Immunohistochemistry-Paraffin: AutoRED AP Plus Staining Kit (Colorimetric) [NBP3-12172] - Formalin fixed paraffin embedded human squamous cell carcinoma stained with CK 5/6 antibody labeled with AutoRED AP Plus (NBP3-12172) produces a brilliant red color.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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