

Product Datasheet

AutoRED AP Staining Kit (Colorimetric) NBP3-12173

Unit Size: 30 ml

Store at 4C.

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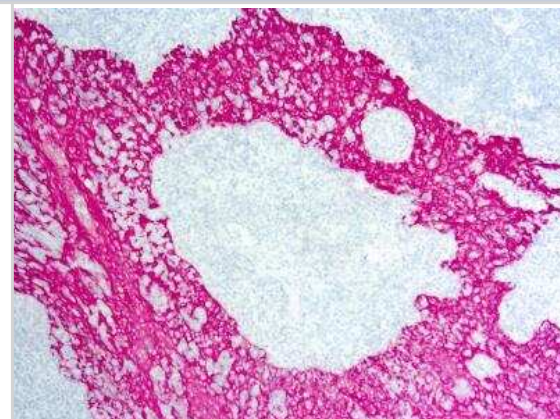
NBP3-12173**AutoRED AP Staining Kit (Colorimetric)**

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. Aliquot 1mL of AutoRED AP Substrate Buffer in a mixing bottle. 2. Add one drop (~20ul) of concentrated AutoRED AP Chromogen solution. 3. Replace tip, mix, and allow solution to reach room temperature before using. 4. The working chromogen-substrate solution should be prepared fresh and used within 20-30 minutes of preparation. 5. Any solution not used during this period should be discarded. <p>Staining Procedure</p> <ol style="list-style-type: none"> 1. Once sections have been incubated with alkaline phosphatase wash sections with wash buffer then follow protocol of choice: <ol style="list-style-type: none"> a. Batch Mode: (Automation) Using Batch Mode on your instrument, wait for machine to notify you when ready, then mix chromogen and buffer in a 1:50 ratio and load onto instrument. Working solution is stable for only 20-30 minutes and should be applied to slide immediately for best results. Incubate for 10 - 20 minutes. b. On Board Mixing: (Automation) Instruments that have onboard mixing capability can load the chromogen and substrate-buffer components independently. Working solution is made mixing reagents 1:50 using on-board mixing station before application to slide. Incubate for 10 - 20 minutes. c. Manual Use Mix substrate-chromogen and buffer in a 1:50 ratio and apply directly to slide. Incubate for 10 - 20 minutes. 2. Counterstain with Hematoxylin or other counterstain. 3. Wash with DI H₂O followed by immuno wash buffer. 4. Sections can be dehydrated in alcohol, cleared in xylene or xylene substitute and permanently mounted. <p>Note: 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.</p> <p>Recommendation: For best color preservation and long term slide storage, we recommend using Tissue Preservation Solution - HRP/AP assays after counterstaining.</p>
Kit Components	AutoRED AP Substrate Buffer 30 mL, AutoRED AP Chromogen 1 mL, Empty Mixing Bottle 1 mL
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization



Images

Immunohistochemistry-Paraffin: AutoRED AP Staining Kit (Colorimetric) [NBP3-12173] - Formalin fixed paraffin embedded human tonsil stained with Cytokeratin H.M.W antibody labeled with AutoRED AP Chromogen (NBP3-12173)





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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