

# Product Datasheet

## GREEN AP Plus Staining Kit (Colorimetric) NBP3-12170

Unit Size: 30 ml

Store at 4C.

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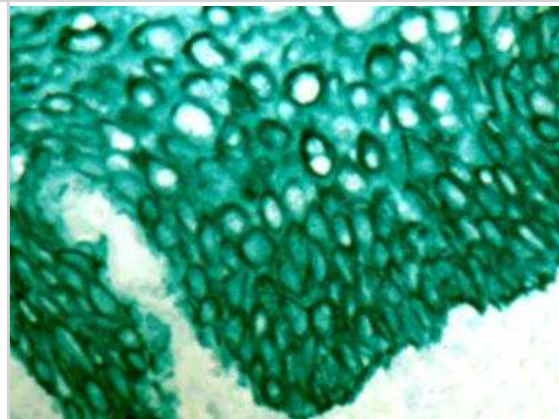
**NBP3-12170****GREEN AP Plus Staining Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	30 ml
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C.
<b>Product Description</b>	
<b>Description</b>	<p>Prepare the Following Solutions Before Use</p> <ol style="list-style-type: none"> <li>1. Aliquot 1mL of GREEN AP Plus Substrate Buffer in a mixing bottle.</li> <li>2. Add one drop (~20ul) of concentrated GREEN AP Plus Chromogen solution.</li> <li>3. Replace tip, mix, and allow solution to reach room temperature before using.</li> <li>4. GREEN AP Plus chromogen-substrate working solution is light sensitive and should be kept away from light as much as possible.</li> <li>5. Working solution should be prepared fresh in the dark.</li> </ol> <p>Staining Procedure</p> <ol style="list-style-type: none"> <li>6. Once sections have been incubated with alkaline phosphatase incubation, wash tissue sections with wash buffer, then follow protocol of choice:             <ol style="list-style-type: none"> <li>a. Pre-Mix Working Solution: (Automation) GREEN AP Plus working solution has to be prepared fresh and can be loaded directly onto instrument as a single solution. Reduce exposure to light to achieve optimal staining. Working solution is applied directly to slide. Incubate for 10- 20 min.</li> <li>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 in on-board mixing station before application to slide. Incubate for 10-20 min.</li> <li>c. Manual Use: Mix substrate-chromogen and buffer in a 1:50 ratio and apply directly to slide. Incubate for 10-20 min.</li> </ol> </li> <li>7. Counterstain with Hematoxylin or other counterstain. Wash with DI water followed by immuno wash buffer.</li> <li>8. Mounting: Slides should be air dried (do not dehydrate in alcohol or xylene). After rinsing off counterstain in DI H<sub>2</sub>O, leave slides on benchtop for at least 20 minutes to air dry, and then permanently mount.</li> </ol> <p>Note: GREEN AP Plus chromogen-substrate working solution is light sensitive and should be kept away from light as much as possible. Working solution should be prepared fresh in the dark. Recommendation: For best color preservation and long term slide storage, we recommend using Tissue Preservation Solution - HRP/AP assays after counterstaining.</p>
<b>Kit Components</b>	GREEN AP Plus Substrate Buffer 30 mL, GREEN AP Plus Chromogen 1 mL, Empty Mixing Bottle 1 mL
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization



## Images

Immunohistochemistry-Paraffin: GREEN AP Plus Staining Kit (Colorimetric) [NBP3-12170] - Formalin fixed paraffin embedded human tonsil stained with Cytokeratin antibody labeled with GREEN AP Plus Chromogen (NBP3-12170) produces a strong green 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Limitations**

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