

Product Datasheet

RED HRP Staining Kit (Colorimetric) NBP3-12179

Unit Size: 30 ml

Store at 4C.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-12179

Updated 12/12/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-12179



NBP3-12179**RED HRP 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.

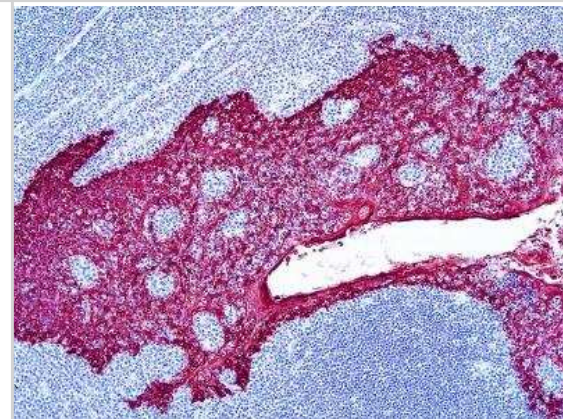
Product Description	
Description	<p>Prepare the Following Solutions Before Use</p> <ol style="list-style-type: none"> 1. Aliquot 1mL of RED HRP Substrate Buffer in a mixing bottle. 2. Add one drop (~20ul) of concentrated RED HRP Chromogen solution. 3. Replace tip, mix, and allow solution to reach room temperature before using. 4. The RED HRP chromogen-substrate working solution is light sensitive and should be kept away from light as much as possible. 5. Working solution is stable for up to 6 hours, for optimal results prepare fresh reagent. <p>Staining Procedure</p> <ol style="list-style-type: none"> a. Once sections have been incubated with peroxidase, wash sections with wash buffer. a. Pre-Mix Working Solution: (Automation) RED HRP has a working solution stability of up to 6 hours 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 minutes. b. 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 1:50 in 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. <ol style="list-style-type: none"> 2. Counterstain with Hematoxylin or other counterstain. Wash with DI water followed by immuno wash buffer. 3. Slides should be air dried (do not dehydrate in alcohol). After rinsing off counterstain in DI H₂O. Drain off fluid without further rinsing. Leave slides on benchtop for at least 20 minutes to air dry, then permanently mount. <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	RED HRP Substrate Buffer 30 mL, RED HRP 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: RED HRP Staining Kit (Colorimetric) [NBP3-12179] - Formalin fixed paraffin embedded human tonsil stained with Cytokeratin H.M.W antibody labeled with RED HRP Chromogen (NBP3-12179)





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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-12179

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

