

# Product Datasheet

## TACS-XL In Situ Apoptosis Kit [HRP] NB4828-30-BK

Unit Size: 30 Tests

Storage of components varies. See protocol for specific instructions.

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**NB4828-30-BK****TACS-XL In Situ Apoptosis Kit [HRP]****Product Information**

<b>Unit Size</b>	30 Tests
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Conjugate</b>	HRP

**Product Description**

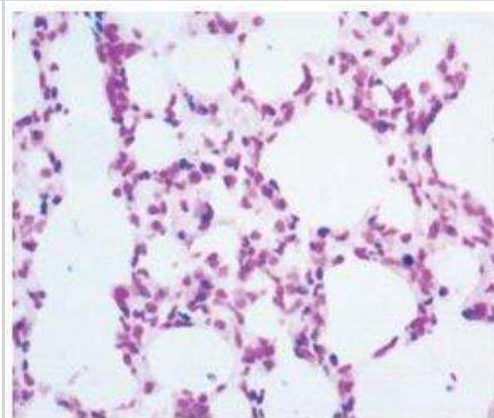
<b>Description</b>	<p>The TACS-XL® In Situ Apoptosis Detection Kit - Blue Label is a TUNEL assay designed for fixed cells, embedded tissue, and frozen tissue using light and electron microscopy. This kit utilizes a novel approach for the detection of apoptosis that is based on incorporation of bromodeoxyuridine (BrdU) at the 3' OH ends of the DNA fragments that form during apoptosis. This detection system uses a biotin conjugated anti-BrdU antibody and streptavidin-horseradish peroxidase.</p> <p><b>Detection:</b> BrdU/Conjugated BrdU Antibody/Streptavidin-HRP/ Blue Label  <b>Testing Format:</b> Light Microscopy, Electron Microscopy  <b>Sample Type:</b> Fixed cells, Embedded tissues, Frozen tissues</p>
<b>Kit Components</b>	TdT Enzyme, Proteinase K Solution, Cytonin(TM), 10X TdT Labeling Buffer, 10X TdT Stop Buffer, B-dNTP Mix, Strep-HRP, TACS Blue Label (TM) Solution, Anti-BrdU Antibody, Strep-Diluent, TACS-Nuclease (TM), TACS-Nuclease (TM) Buffer, Nuclear Fast Red Counterstain

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin

**Images**

Immunohistochemistry-Paraffin: TACS-XL In Situ Apoptosis Kit [HRP] [NB4828-30-BK] - TACS-XL In Situ Apoptosis Kit [TACS Blue Label] [NB4828-30-BK] - Mouse lung parenchyma tissue was fixed and embedded in paraffin. Five micron sections were prepared and immobilized on slides. The tissue was labeled as describe in the protocol (NB4828-30-BK) and analyzed by light microscopy for DNA fragmentation indicated by the blue stained cells. Data was provided courtesy of F. D'Agostini, University of Genova Via A. Pastore, Genova, Italy.





### **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.

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