

# Product Datasheet

## VasoTACS In Situ Apoptosis Kit [HRP] NB4826-30-K

Unit Size: 30 Tests

Storage of components varies. See protocol for specific instructions.

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**NB4826-30-K****VasoTACS 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**

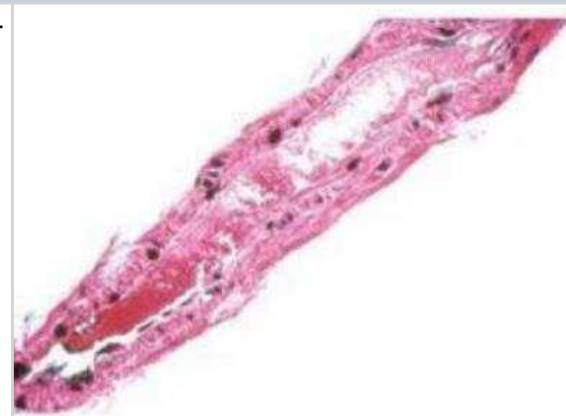
<b>Description</b>	<p>TUNEL Apoptosis Detection Kit provides all the reagents for the detection of DNA fragmentation among vascular cells and tissue sections. It generates an intense blue staining in cells with DNA fragmentation, easily visualized against a pale red counterstain. In addition, Cytonin, a non-lipophilic detergent based buffer optimized for the permeabilization of cells prior to labeling, and Blue Streptavidin Diluent, a proprietary blocking reagent that contributes to the low background obtained with TUNEL Apoptosis Detection kit are provided.</p> <p><b>Detection:</b> Biotinylated dNTP/Streptavidin-HRP/Blue Label  <b>Testing Format:</b> Light Microscopy  <b>Sample Type:</b> Fixed cells, Embedded tissues, Frozen tissues</p>
<b>Kit Components</b>	6 ml of Cytonin(TM), 50 ul of Proteinase K, 100 ml of 10X TdT Labeling Buffer, 100 ml of 10X TdT Stop Buffer, 35 ul of TdT dNTP Mix, 30 ul of TdT Enzyme, 30 ul of Strep-HRP, 3 ml of TACS Blue Label(TM), 7.5 ml of Blue Streptavidin-Diluent, 50 ul of 50X Mn <sup>2+</sup> , 15 ul of TACS-Nuclease(TM), 1.5 ml of TACS-Nuclease(TM) Buffer, 50 ml of Red Counterstain C

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization

**Images**

Immunohistochemistry: VasoTACS In Situ Apoptosis Kit [HRP] [NB4826-30-K] - VasoTACS In Situ Apoptosis Kit [TACS Blue Label] [NB4826-30-K] - Visualization of Apoptotic Cells in Vascular Tissue: Tissue from the small artery of rat was formalin-fixed and paraffin-embedded following the initiation of drug-induced apoptosis. The tissue was processed according to the protocol in the VasoTACS Kit (NB4826-30-K) and visualized by light microscopy. Brown stained nuclei following counterstaining with Red Counterstain C indicated apoptotic cells. Data was provided courtesy of Dr. Jun Zhang, FDA.





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### **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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