

# Product Datasheet

## OneStep TUNEL Apoptosis Kit [Red, 647] NBP3-11962-100Assays

Unit Size: 100 Assays

Store at -20C.

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**NBP3-11962-100Assays**

OneStep TUNEL Apoptosis Kit [Red, 647]

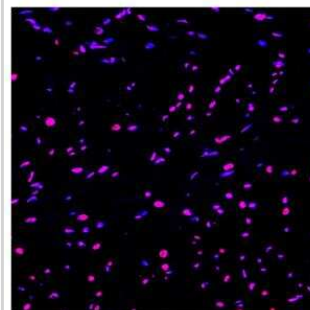
Product Information	
Unit Size	100 Assays
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Conjugate	Red, 647

Product Description	
Description	This OneStep TUNEL Apoptosis Kit is a highly sensitive, fast and simple method for cell apoptosis detection. The test results can be directly observed through a fluorescence microscope. This kit is suitable for in situ apoptosis detection of tissue samples (Paraffin embedding, freezing and ultrathin section) and cells (Cell smears, cell climbing smears) in situ apoptotic detection.
Kit Components	DAPI (25X), TdT Equilibration Buffer, TdT Enzyme, Proteinase K (100X), Label Solution, DNase I (2 U/uL), DNase I Buffer (10X)

Product Application Details	
Applications	Flow Cytometry, Fluorescence Imaging
Recommended Dilutions	Flow Cytometry, Fluorescence Imaging
Application Notes	Label Solution and DAPI (25X) should be stored in the dark.

**Images**

Fluorescence Imaging: OneStep TUNEL Apoptosis Kit [Red, 647] [NBP3-11962]



Paraffin embedded rat heart was treated with DNase I to fragment the DNA. DNA strand breaks showed intense fluorescent staining in DNase I treated sample (red). The cells were counterstained with DAPI (blue).



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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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