

Product Datasheet

Caspase 3/7 Apoptosis Kit

NBP3-50235

Unit Size: 100 Tests

Store at 4C in the dark.

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Updated 3/5/2026 v.20.1

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NBP3-50235**Caspase 3/7 Apoptosis Kit**

Product Information	
Unit Size	100 Tests
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C in the dark.
Product Description	
Description	The Caspase 3/7 Substrate (Green) are based on novel fluorogenic DNA dyes that have been coupled to the caspase 3/7 recognition sequence (DEVD), which is both non-fluorescent and nonfunctional as a DNA dye. When it rapidly crosses cell membranes to enter the cytoplasm and cleaved by caspase 3/7 to form a high-affinity DNA dye that stains the nucleus bright green. Thus, the Caspase 3/7 substrates allow detection of caspase 3/7 activity and visualization of apoptotic nuclear morphology simultaneously. Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. Annexin V-APC, the APC-conjugated format, binds specifically to the PS on the outer leaflet apoptotic cell membrane and can be detected with flow cytometry or fluorescence microscopy. Caspase 3/7 and Annexin V Double Staining Apoptosis Kit includes Caspase 3/7 Substrates (Green Annexin V-APC Reagent, enables the user to detect two important apoptosis events, caspase 3/7 activation and phosphatidylserine (PS) translocation.
Gene ID	836
Species	Non-species specific
Suitable Sample Type	Cell samples
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Detection Instrument: Flow Cytometer Assay Time: 0.5 hour



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Products Related to NBP3-50235

210-TA-005	TNF-alpha [Unconjugated]
NB100-56116	Caspase-8 Antibody - BSA Free
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free
NB200-103	p53 Antibody (PAb 240) - BSA Free

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

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