

Product Datasheet

Caspase 3/7 Activity Assay Kit (Colorimetric) NBP3-50230

Unit Size: 100 Tests

Store at -20C.

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technical@novusbio.com

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NBP3-50230**Caspase 3/7 Activity Assay Kit (Colorimetric)**

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 -20C.
Product Description	
Description	Caspase 3, also known as CPP32, Yama or apopain, belongs to the CED-3 subfamily of the caspase family. It is a key enzyme in the process of apoptosis and the most studied caspase in mammalian cells. Caspase 3 exists in the cytoplasm in the form of zymogen under normal condition and has no activity. In the stage of apoptosis, caspase 3 is activated, and the activated caspase 3 consists of two large subunits and two small subunits, which cleaves the corresponding cytoplasmic and nuclear substrates and ultimately leads to apoptosis. This caspase 3/7 activity assay kit is based on caspase 3/7 that can catalyze the substrate Ac-DEVD-pNA to generate yellow pNA (p-Nitroaniline). The pNA has a strong absorption near 405 nm, The activity of caspase 3/7 can be calculated by determining the absorbance at 405 nm.
Gene ID	836
Species	Non-species specific
Suitable Sample Type	Cell and tissue samples
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Detection Instrument: Spectrophotometer Assay Time: 4-6 hours





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

Products Related to NBP3-50230

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.

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