

Product Datasheet

Caspase-1 Activity Assay Kit (Colorimetric) NBP3-50228

Unit Size: 100 Tests

Store at -20C.

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NBP3-50228**Caspase-1 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 1, also known as Interleukin 1beta Converting Enzyme (ICE), is the only caspase in the caspase family that can cleave IL-1beta prefixes or IL-18 prefabrication. Caspase 11 can cleave 45 kD caspase 1 preparation to produce 20 kD and 10 kD fragments, which can form heterodimer and further form tetramer by two heterodimers. Caspase 1 regulates apoptosis by cleaving Bcl-XL and the associated immune response by cleaving cytokine precursors, or regulates pyroptosis by hydrolyzing Gastermin D (GSDMD). This caspase 1 activity assay kit is based on caspase 1 that can catalyze the substrate AC-YVAD-pNA to generate yellow pNA (p-Nitroaniline). The pNA has a strong absorption near 405 nm, The activity of caspase 1 can be calculated by determining the absorbance at 405 nm.
Gene ID	834
Gene Symbol	CASP1
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



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Products Related to NBP3-50228

NB100-56564PEP	Caspase-1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NB100-56565	Caspase-1 Antibody (14F468) - BSA Free
M6000B-1	IL-6 [HRP]

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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