

NETosis assay kit

NETosis Colorimetric Assay Kit

CATALOG #
AAA179696

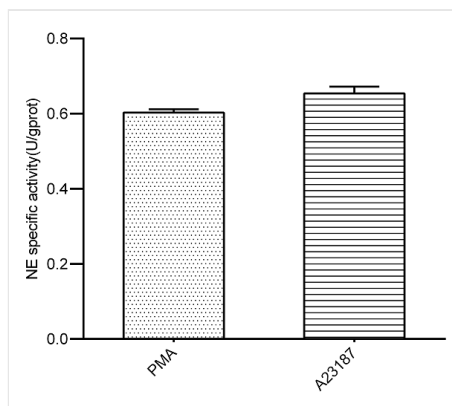
PRODUCT SYNONYMS

NETosis; NETosis Colorimetric Assay Kit; NETosis assay kit

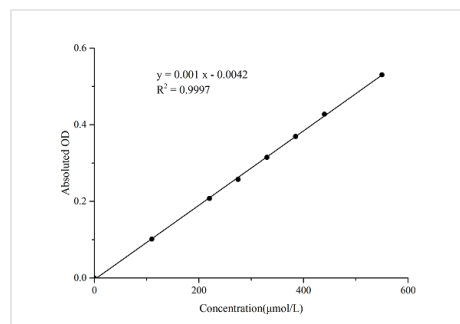
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Cell
Detection Range	0.31-18.33U/L
Sensitivity	0.31U/L
Precision	Intra-assay CV: 2.1-3.8% Inter-assay CV: 4.8-7.4%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for NETosis assay kit

NETosis is an inflammatory cell death mode of neutrophils. Activated neutrophils capture and kill pathogens by releasing Neutrophil extracellular traps (NETs), which are composed of deaggregated chromatin and intracellular granule proteins. The formation of NETs is accompanied by the death of neutrophils. This new type of death is different from apoptosis and necrosis and is called NETosis. There are many inducers of NETosis, such as pathogens (bacteria, fungi, viruses, etc.), activated platelets, chemokines (interleukins, granulocyte colony-stimulating factor, transforming growth factor beta, etc.), artificial ingredients and calcium ionophore, etc. These inducers can promote the key proteins of NETosis, Neutrophil Elastase (NE), Myeloperoxidase (MPO) and Peptidearginine Deaminase IV (PAD4) transcription and translation.

This method evaluated the degree of NETosis by detecting the enzyme activity of NE.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/assay-kits/netosis/179696>