

Human Neuronal Apoptosis Inhibitory Protein (NAIP) ELISA Kit | NAIP elisa kit

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CATALOG #
AAA331548

REACTIVITY
Human

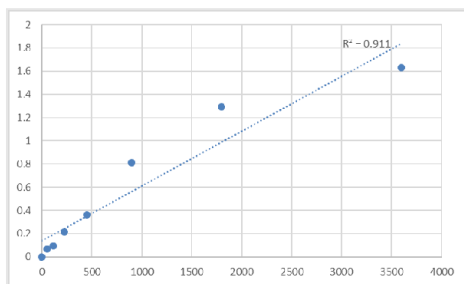
PRODUCT SYNONYMS

Neuronal Apoptosis Inhibitory Protein (NAIP); Human Neuronal Apoptosis Inhibitory Protein (NAIP) ELISA Kit; BIRC1; FLJ18088; FLJ42520; FLJ58811; NLRB1; psiNAIP; NLR family; BIR domain containing 1; OTTHUMP00000125255; baculoviral IAP repeat-containing 1; neuronal apoptosis inhibitory protein; nucleotide-binding domain; NAIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neuronal apoptosis inhibitory protein (NAIP) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAIP. No significant cross-reactivity or interference between Human NAIP and analogues was observed.
Sequence Length	1347
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Neuronal apoptosis inhibitory protein (NAIP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NAIP elisa kit	Description: This Human Neuronal apoptosis inhibitory protein (NAIP) ELISA Kit employs a two-site sandwich ELISA to quantitate NAIP in samples. An antibody specific for NAIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAIP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAIP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NAIP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NAIP is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is thought that NAIP is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. Neuronal apoptosis inhibitory protein encoded by NAIP contains regions of homology to two baculovirus inhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219520065
NCBI GeneID	4671
UniProt Accession #	Q13075
NCBI Official Full Name	NAIP protein
NCBI Official Synonym Full Names	NLR family apoptosis inhibitory protein
NCBI Official Symbol	NAIP
NCBI Official Synonym Symbols	BIRC1; NLRB1; psiNAIP
NCBI Protein Information	baculoviral IAP repeat-containing protein 1
UniProt Protein Name	Baculoviral IAP repeat-containing protein 1
UniProt Gene Name	NAIP
UniProt Synonym Gene Names	BIRC1
UniProt Entry Name	BIRC1_HUMAN

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://stage.aaabiotech.com/human-elisa-kits/neuronal-apoptosis-inhibitory-protein-naip/331548>