

Human Cytoplasmic protein NCK1 (NCK1) ELISA Kit | NCK1 elisa kit

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CATALOG #
AAA245688

REACTIVITY
Human

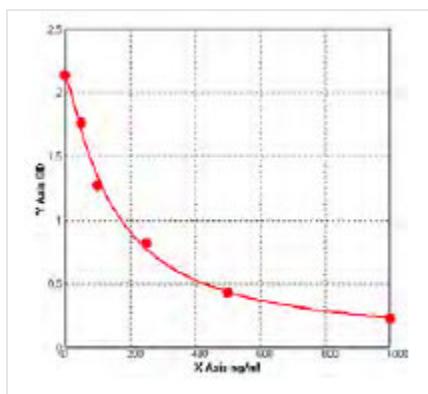
PRODUCT SYNONYMS

Cytoplasmic protein NCK1 (NCK1); Human Cytoplasmic protein NCK1 (NCK1) ELISA Kit; NCK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCK1 elisa kit

Intended Uses: This Nav1.7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatNav1.7. This ELISA kit for research use only!

Principle of the Assay: Nav1.7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Nav1.7 antibody and an Nav1.7-HRP conjugate. The assay sample and buffer are incubated together with Nav1.7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Nav1.7 concentration since Nav1.7 from samples and Nav1.7-HRP conjugate compete for the anti-Nav1.7 antibody binding site. Since the number of sites is limited, as more sites are occupied by Nav1.7 from the sample, fewer sites are left to bind Nav1.7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Nav1.7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453754
NCBI GeneID	4690
NCBI Accession #	NP_006144.1
NCBI GenBank Nucleotide #	NM_006153.5
Molecular Weight	35,511 Da
NCBI Official Full Name	cytoplasmic protein NCK1 isoform 1
NCBI Official Synonym Full Names	NCK adaptor protein 1
NCBI Official Symbol	NCK1
NCBI Official Synonym Symbols	NCK; nck-1; NCKalpha
NCBI Protein Information	cytoplasmic protein NCK1; NCK tyrosine kinase; melanoma NCK protein; SH2/SH3 adaptor protein NCK-alpha; non-catalytic region of tyrosine kinase
UniProt Protein Name	Cytoplasmic protein NCK1
UniProt Gene Name	NCK1
UniProt Synonym Gene Names	NCK; Nck-1
UniProt Entry Name	NCK1_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/cytoplasmic-protein-nck1-nck1/245688>