

Human Ninjurin 1 (NINJ1) ELISA Kit | NINJ1 elisa kit

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CATALOG #
AAA67969

REACTIVITY
Human

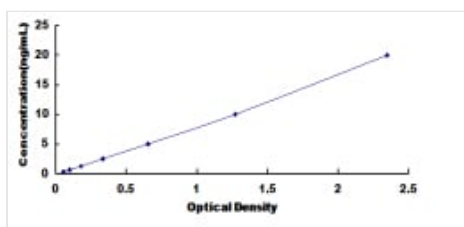
PRODUCT SYNONYMS

Ninjurin 1 (NINJ1); Human Ninjurin 1 (NINJ1) ELISA Kit; NIN1; Nerve Injury-Induced Protein-1; NINJ1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NINJ1. No significant cross-reactivity or interference between NINJ1 and analogues was observed.
Sequence Length	152
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids.
Detection Range	0.312-20ng/mL
Sensitivity	< 0.111ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NINJ1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NINJ1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NINJ1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NINJ1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NINJ1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NINJ1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of NINJ1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NINJ1 in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148922911
NCBI GeneID	4814
NCBI Accession #	NP_004139.2
NCBI GenBank Nucleotide #	NM_004148.3
UniProt Accession #	Q92982; Q6GU89; Q8WUV5; Q9BT07
Molecular Weight	16,345 Da
NCBI Official Full Name	ninjurin-1
NCBI Official Synonym Full Names	ninjurin 1
NCBI Official Symbol	NINJ1
NCBI Official Synonym Symbols	NIN1; NINJURIN
NCBI Protein Information	ninjurin-1
UniProt Protein Name	Ninjurin-1
UniProt Gene Name	NINJ1

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.