

Human Neurofascin (NFASC) ELISA Kit | NFASC elisa kit

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CATALOG #
AAA67261

REACTIVITY
Human

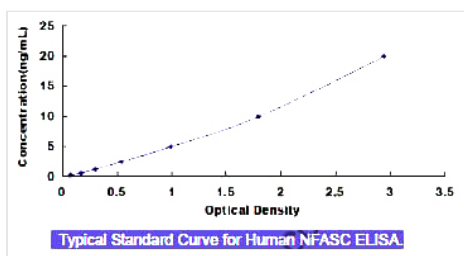
PRODUCT SYNONYMS

Neurofascin (NFASC); Human Neurofascin (NFASC) ELISA Kit; NFASC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NFASC. No significant cross-reactivity or interference between NFASC and analogues was observed.
Sequence Length	1240
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.083ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NFASC 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 NFASC 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 NFASC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NFASC in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NFASC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NFASC. 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 NFASC, 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 NFASC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	237858675
NCBI GeneID	23114
NCBI Accession #	NP_001005388.2
NCBI GenBank Nucleotide #	NM_001005388.2
UniProt Accession #	O94856; Q149P5; Q5T2F0; Q5T2F1; Q5T2F2; Q5T2F3; Q5T2F4; B2RNN8; B3KQZ1; B5MDP6; B5MDR6; B7ZMD8
Molecular Weight	142,474 Da
NCBI Official Full Name	neurofascin isoform 1
NCBI Official Synonym Full Names	neurofascin
NCBI Official Symbol	NFASC
NCBI Official Synonym Symbols	NF; NRCAML
NCBI Protein Information	neurofascin
UniProt Protein Name	Neurofascin
UniProt Gene Name	NFASC
UniProt Synonym Gene Names	KIAA0756

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/neurofascin-nfasc/67261>