

Mouse Neurofilament light polypeptide ELISA Kit | Nefl elisa kit

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CATALOG #
AAA23213

REACTIVITY
Mouse

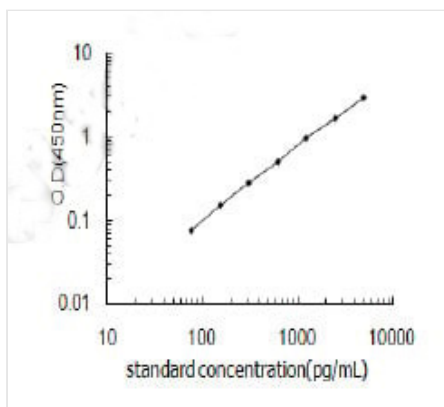
PRODUCT SYNONYMS

Neurofilament light polypeptide; Mouse Neurofilament light polypeptide ELISA Kit; NF-L; 68 kDa neurofilament protein; Neurofilament triplet L protein; Nefl; Nf68; Nfl; Nefl elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse NF-L
Sequence Length	543
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 40.6 pg/mL
Intra-assay Precision	<=6.9%
Inter-assay Precision	<=8.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nefl elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39204499
NCBI GeneID	18039
NCBI Accession #	NP_035040.1
NCBI GenBank Nucleotide #	NM_010910.1
UniProt Accession #	P08551; Q8K0Z0
Molecular Weight	61,508 Da
NCBI Official Full Name	neurofilament light polypeptide
NCBI Official Synonym Full Names	neurofilament, light polypeptide
NCBI Official Symbol	Nefl
NCBI Official Synonym Symbols	Nfl; NF-L; NF68; CMT2E; A1847934
NCBI Protein Information	neurofilament light polypeptide
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	Nefl
UniProt Synonym Gene Names	Nf68; Nfl; NF-L
UniProt Entry Name	NFL_MOUSE

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/nefl-mouse-elisa-kits/neurofilament-light-polypeptide/23213>