

Human Neurofilament medium polypeptide ELISA Kit | NEFM elisa kit

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CATALOG #
AAA310208

REACTIVITY
Human

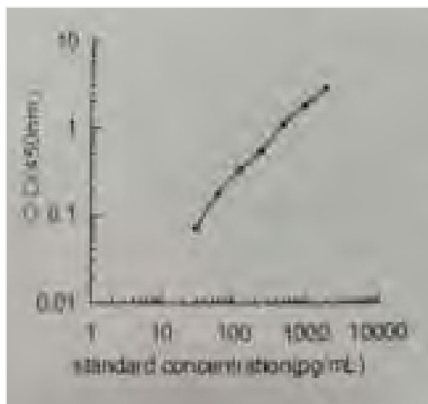
PRODUCT SYNONYMS

Neurofilament medium polypeptide; Human Neurofilament medium polypeptide ELISA Kit; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein; NEFM; NEF3; NFM; NEFM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human NF-M. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	31.2 pg/mL -2000 pg/mL
Sensitivity	< 10pg/mL
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=8.5%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEFM elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antigen specific to target antibody. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antigen preparation specific for target antibody 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 antibody biotinconjugated antigen 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 antibody 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 human neurofilament medium polypeptide,NF-M concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157738649
NCBI GeneID	4741
NCBI Accession #	NP_005373.2
NCBI GenBank Nucleotide #	NM_005382.2
UniProt Accession #	P07197; Q4QRK6; B4DGN2; E9PBF7
Molecular Weight	59,468 Da
NCBI Official Full Name	neurofilament medium polypeptide isoform 1
NCBI Official Synonym Full Names	neurofilament medium
NCBI Official Symbol	NEFM
NCBI Official Synonym Symbols	NFM; NEF3; NF-M
NCBI Protein Information	neurofilament medium polypeptide
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	NEFM
UniProt Synonym Gene Names	NEF3; NFM; NF-M

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/nefm-human-elisa-kits/neurofilament-medium-polypeptide/310208>