

Mouse NEF3 (Neurofilament 3) ELISA Kit | NEF3 elisa kit

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CATALOG #
AAA278471

REACTIVITY
Mouse

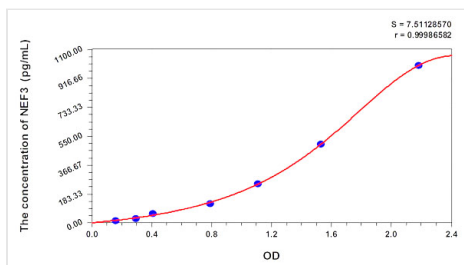
PRODUCT SYNONYMS

NEF3 (Neurofilament 3); Mouse NEF3 (Neurofilament 3) ELISA Kit; NEFM; NF-M; NFM; Neurofilament; Medium Polypeptide; 160 kDa neurofilament protein; Neurofilament triplet M protein; NEF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.14ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEF3 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse NEF3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse NEF3. 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 Mouse NEF3, 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 Mouse NEF3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for NEF3 elisa kit

[Neuro science](#); [Developmental science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	112363107
NCBI GeneID	18040

NCBI Accession #	NP_032717.2
NCBI GenBank Nucleotide #	NM_008691.2
UniProt Accession #	P08553 ; Q0VDM8 ; Q3HRJ6 ; Q3TNS4 ; Q3TPK2 ; Q61961 ; Q8BQ20 ; A2VCT5
Molecular Weight	95,916 Da
NCBI Official Full Name	neurofilament medium polypeptide
NCBI Official Synonym Full Names	neurofilament, medium polypeptide
NCBI Official Symbol	Nefm
NCBI Official Synonym Symbols	Nfm; NF-M; Nef3; NF160; NF165
NCBI Protein Information	neurofilament medium polypeptide
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	Nefm
UniProt Synonym Gene Names	Nef3; Nfm; NF-M
UniProt Entry Name	NFM_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/mouse-elisa-kits/nef3-neurofilament-3/278471>