

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

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CATALOG #
AAA278176

REACTIVITY
Human

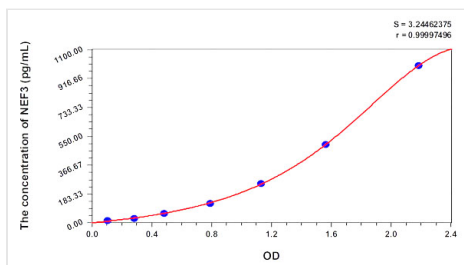
PRODUCT SYNONYMS

NEF3 (Neurofilament 3); Human 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	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cerebrospinal fluid and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/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 Human NEF3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human 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 #	157738649
NCBI GeneID	4741

NCBI Accession #	NP_005373.2
NCBI GenBank Nucleotide #	NM_005382.2
UniProt Accession #	P07197 ; Q4QRK6 ; B4DGN2 ; E9PBF7
Molecular Weight	102,472 Da
NCBI Official Full Name	neurofilament medium polypeptide isoform 1
NCBI Official Synonym Full Names	neurofilament, medium polypeptide
NCBI Official Symbol	NEFM
NCBI Official Synonym Symbols	NFM; NEF3; NF-M
NCBI Protein Information	neurofilament medium polypeptide; neurofilament 3; 160 kDa neurofilament protein; neurofilament triplet M protein; neurofilament-3 (150 kD medium); neurofilament, medium polypeptide 150kDa
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	NEFM
UniProt Synonym Gene Names	NEF3; NFM; NF-M
UniProt Entry Name	NFM_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nef3-neurofilament-3/278176>