

Mouse Neurofilament, Heavy Polypeptide ELISA Kit | NEFH elisa kit

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CATALOG #
AAA95657

REACTIVITY
Mouse

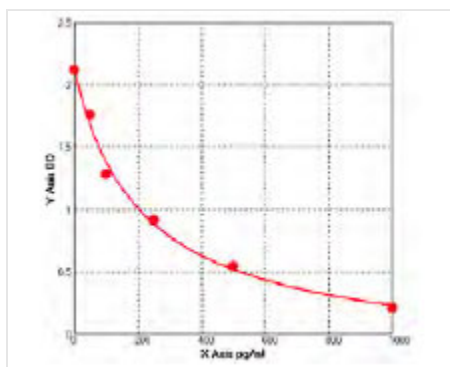
PRODUCT SYNONYMS

Neurofilament; Heavy Polypeptide; Mouse Neurofilament; Heavy Polypeptide ELISA Kit; NEFH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEFH elisa kit

Intended Uses: This HPNELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HPN. This ELISA kit for research use only!

Principle of the Assay: HPNELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HPN antibody and an HPN-HRP conjugate. The assay sample and buffer are incubated together with HPN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HPN concentration since HPN from samples and HPN-HRP conjugate compete for the anti-HPN antibody binding site. Since the number of sites is limited, as more sites are occupied by HPN from the sample, fewer sites are left to bind HPN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HPN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NEFH elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483416
NCBI GeneID	4744
NCBI Accession #	NP_066554.2
NCBI GenBank Nucleotide #	NM_021076.3
Molecular Weight	105,639 Da
NCBI Official Full Name	neurofilament heavy polypeptide
NCBI Official Synonym Full Names	neurofilament, heavy polypeptide
NCBI Official Symbol	NEFH
NCBI Official Synonym Symbols	NFH
NCBI Protein Information	neurofilament heavy polypeptide; NF-H; 200 kDa neurofilament protein; neurofilament triplet H protein; neurofilament, heavy polypeptide 200kDa
UniProt Protein Name	Neurofilament heavy polypeptide
UniProt Gene Name	NEFH
UniProt Synonym Gene Names	KIAA0845; NFH; NF-H
UniProt Entry Name	NFH_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/nefh-mouse-elisa-kits/neurofilament-heavy-polypeptide/95657>