

Rat NEFH (Neurofilament heavy polypeptide) ELISA Kit | NEFH elisa kit

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CATALOG #
AAA248748

REACTIVITY
Rat

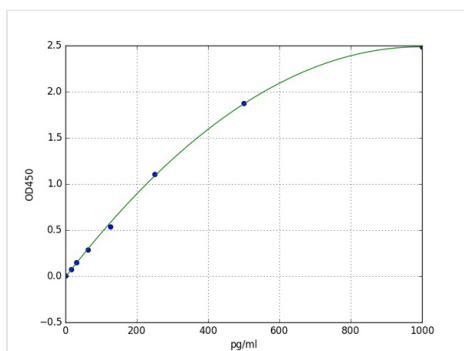
PRODUCT SYNONYMS

NEFH (Neurofilament heavy polypeptide); Rat NEFH (Neurofilament heavy polypeptide) ELISA Kit; Neurofilament heavy polypeptide; NEFH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1020
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEFH elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-NEFH antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-NEFH antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the NEFH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of NEFH can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[32483416](#)

NCBI GeneID	4744
NCBI Accession #	NP_066554.2
NCBI GenBank Nucleotide #	NM_021076.3
UniProt Accession #	P12036 ; Q96HF8 ; Q9UJS7 ; Q9UQ14 ; B4DYY4
Molecular Weight	105,639 Da
NCBI Official Full Name	neurofilament heavy polypeptide
NCBI Official Synonym Full Names	neurofilament heavy
NCBI Official Symbol	NEFH
NCBI Official Synonym Symbols	NFH; CMT2CC
NCBI Protein Information	neurofilament heavy polypeptide
UniProt Protein Name	Neurofilament heavy polypeptide
UniProt Gene Name	NEFH
UniProt Synonym Gene Names	KIAA0845; NFH; NF-H

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/rat-elisa-kits/nefh-neurofilament-heavy-polypeptide/248748>