

Rat Neurofilament light polypeptide (NEFL) ELISA Kit | NEFL elisa kit

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CATALOG #
AAA121270

REACTIVITY
Rat

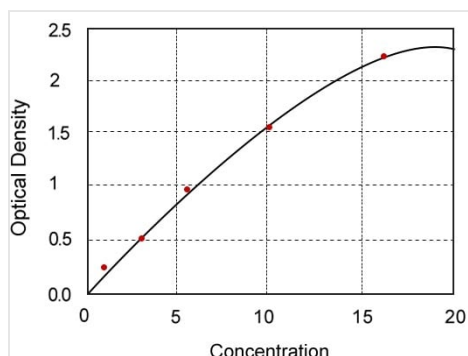
PRODUCT SYNONYMS

Neurofilament light polypeptide (NEFL); Rat Neurofilament light polypeptide (NEFL) ELISA Kit; NEFL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	543
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.67ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEFL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neurofilament Light Polypeptide (also known as NEFL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NEFL antibody. NEFL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NEFL Antibody is added and binds to NEFL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NEFL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NEFL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	105990539
NCBI GeneID	4747
NCBI Accession #	NP_006149.2
NCBI GenBank Nucleotide #	NM_006158.4
UniProt Accession #	P07196; Q16154; Q8IU72; B9ZVN2
Molecular Weight	61,517 Da
NCBI Official Full Name	neurofilament light polypeptide
NCBI Official Synonym Full Names	neurofilament light
NCBI Official Symbol	NEFL
NCBI Official Synonym Symbols	NFL; NF-L; NF68; CMT1F; CMT2E; CMTDIG; PPP1R110
NCBI Protein Information	neurofilament light polypeptide
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	NEFL
UniProt Synonym Gene Names	NF68; NFL; NF-L

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/rat-elisa-kits/neurofilament-light-polypeptide-nefl/121270>