

Mouse Neurotrophin-3 ELISA Kit | Ntf3 elisa kit

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CATALOG #
AAA57160

REACTIVITY
Mouse

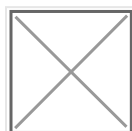
PRODUCT SYNONYMS

Neurotrophin-3; Mouse Neurotrophin-3 ELISA Kit; NT-3; HDNF; Nerve growth factor 2; NGF-2; Neurotrophic factor; Ntf3; Ntf-3; Ntf3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse NT-3. No significant cross-reactivity or interference was observed.
Sequence Length	271
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.17 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.7%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ntf3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse NT-3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NT-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NT-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain NT-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of NT-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255708383
NCBI GeneID	18205
NCBI Accession #	NP_001157506.1
NCBI GenBank Nucleotide #	NM_001164034.1
UniProt Accession #	P20181
Molecular Weight	29,588 Da
NCBI Official Full Name	neurotrophin-3 isoform a
NCBI Official Synonym Full Names	neurotrophin 3
NCBI Official Symbol	Ntf3
NCBI Official Synonym Symbols	Nt3; Ntf-3; AI316846; AI835689
NCBI Protein Information	neurotrophin-3
UniProt Protein Name	Neurotrophin-3
UniProt Gene Name	Ntf3
UniProt Synonym Gene Names	Ntf-3; NT-3; NGF-2
UniProt Entry Name	NTF3_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://stage.aaabiotech.com/ntf3-mouse-elisa-kits/neurotrophin-3/57160>