

Mouse Nerve growth factor ELISA Kit | NGF/NGFbeta elisa kit

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CATALOG #
AAA99411

REACTIVITY
Mouse

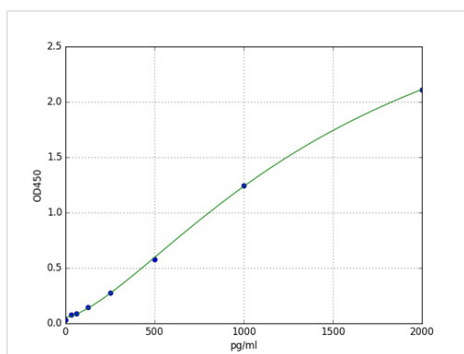
PRODUCT SYNONYMS

Nerve growth factor; Mouse Nerve growth factor ELISA Kit; NGF/NGFb/NGFB/beta-nerve growth factor/Beta-NGF/HSAN5/nerve growth factor (beta polypeptide); NGF/NGFbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	194
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse NGF β ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.050	0.079	0.121	0.186	0.339	0.629	1.343	2.041

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NGF/NGFbeta elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse NGFbeta antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse NGFbeta 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 Mouse NGFbeta amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse NGFbeta can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42409517
NCBI GeneID	58133
NCBI Accession #	NP_954680.1
NCBI GenBank Nucleotide #	NM_199210.1
Molecular Weight	21,903 Da
NCBI Official Full Name	nerve growth factor
NCBI Official Synonym Full Names	nerve growth factor b (beta polypeptide)
NCBI Official Symbol	ngfb
NCBI Official Synonym Symbols	ngf; ns:zft386; xx:zft386; zgc:109730
NCBI Protein Information	nerve growth factor
UniProt Protein Name	Nerve growth factor
UniProt Gene Name	ngf
UniProt Synonym Gene Names	ngfb; NGF; zNGF
UniProt Entry Name	NGF_DANRE

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/ngf-ngfbeta-mouse-elisa-kits/nerve-growth-factor/99411>