

Human Nerve growth factor ELISA Kit | NGF elisa kit

Human Nerve growth factor (NGF) ELISA Kit

CATALOG #
AAA55721

REACTIVITY
Human

PRODUCT SYNONYMS

Nerve growth factor; Human Nerve growth factor (NGF) ELISA Kit; NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NGF. No significant cross-reactivity or interference between Human NGF and analogues was observed.
Sequence Length	194
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NGF elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NGF in samples. An antibody specific for NGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyNGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NGF is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NGF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70995319
NCBI GeneID	4803
NCBI Accession #	NP_002497.2
NCBI GenBank Nucleotide #	NM_002506.2
UniProt Accession #	P01138 ; Q6FHA0 ; Q96P60 ; Q9P2Q8 ; Q9UKL8 ; A1A4E5

Molecular Weight	26,959 Da
NCBI Official Full Name	beta-nerve growth factor
NCBI Official Synonym Full Names	nerve growth factor
NCBI Official Symbol	NGF
NCBI Official Synonym Symbols	NGFB; HSAN5; Beta-NGF
NCBI Protein Information	beta-nerve growth factor
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF

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/ngf-human-elisa-kits/nerve-growth-factor/55721>