

Human Nerve growth factor, NGF ELISA Kit | NGF elisa kit

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CATALOG #
AAA42033

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	257
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7pg/ml - 1500pg/ml
Sensitivity	3.48pg/ml
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 NGF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Nerve Growth Factor (also known as NGF) 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 human NGF antibody. NGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NGF Antibody is added and binds to NGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NGF 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 human NGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	287795
NCBI GeneID	4908
UniProt Accession #	P20783; Q6FH50; B7Z1T5
Molecular Weight	30,800 Da
NCBI Official Full Name	nerve growth factor
NCBI Official Synonym Full Names	neurotrophin 3
NCBI Official Symbol	NTF3
NCBI Official Synonym Symbols	NT3; HDNF; NGF2; NT-3; NGF-2
NCBI Protein Information	neurotrophin-3
UniProt Protein Name	Neurotrophin-3
UniProt Gene Name	NTF3
UniProt Synonym Gene Names	NT-3; NGF-2

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/human-elisa-kits/nerve-growth-factor-ngf/42033>