

Human NGF (Nerve Growth Factor) CLIA Kit | NGF clia kit

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CATALOG #
AAA171107

REACTIVITY
Human

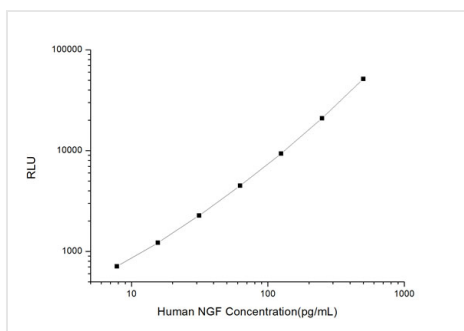
PRODUCT SYNONYMS

NGF (Nerve Growth Factor); Human NGF (Nerve Growth Factor) CLIA Kit; Beta-NGF; HSAN5; NGFB; NGF-B; NGF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant NGF. No significant cross-reactivity or interference between NGF and analogues was observed.
Sequence Length	194
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NGF clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of NGF concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to NGF. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NGF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NGF, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of NGF. You can calculate the concentration of NGF in the samples by comparing the RLU value of the samples to the standard curve.

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/human-clia-kits/ngf-nerve-growth-factor/171107>