

Human beta-NGF ELISA Kit | beta-NGF elisa kit

Human beta-NGF ELISA Kit

CATALOG # AAA332557	REACTIVITY Human	APPLICATIONS ELISA
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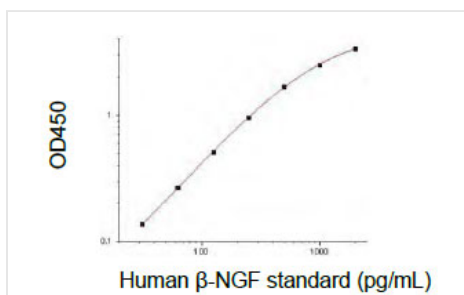
PRODUCT SYNONYMS

beta-NGF; Human beta-NGF ELISA Kit; Beta nerve growth factor; Beta NGF; HSAN5; MGC161426; MGC161428; Nerve growth factor (beta polypeptide); Nerve growth factor beta polypeptide; Nerve growth factor beta subunit; NGFB; NID67; beta-NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human beta-NGF ELISA Kit has high sensitivity and excellent specificity for detection of Human beta-NGF. No significant cross-reactivity or interference between Human beta-NGF and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	31.25 pg/mL-2,000 pg/mL
Sensitivity	16 pg/mL
Applicable Applications for beta-NGF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-NGF elisa kit	Principle of the Assay: beta-NGF is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons.Human beta-NGF ELISA Kit employs a double antibody sandwich method to quantitate Human beta-NGF in samples. An antibody specific for Human beta-NGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human beta-NGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human beta-NGF is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The beta-NGF concentration is proportional to the OD450 nm value.
Product Categories/Family for beta-NGF elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110037
NCBI GeneID	4803
UniProt Accession #	P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5
Molecular Weight	Calculate MW: 26 kDa Observed MW: 17kDa/27kDa
NCBI Official Full Name	Beta-nerve growth factor
NCBI Official Synonym Full Names	nerve growth factor (beta polypeptide)
NCBI Official Symbol	NGF
NCBI Official Synonym Symbols	NGFB; HSN5; Beta-NGF
NCBI Protein Information	beta-nerve growth factor; nerve growth factor, beta subunit
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF
UniProt Entry Name	NGF_HUMAN

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-elisa-kits/beta-ngf/332557>