

Human Beta-Nerve Growth Factor, NGF ELISA Kit | NGF elisa kit

Human Beta-Nerve Growth Factor, NGF Primacu ELISA Kit

CATALOG #
AAA124457

REACTIVITY
Human

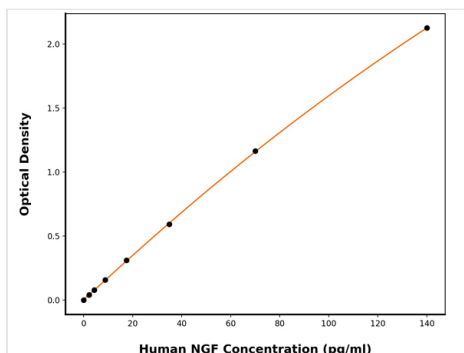
PRODUCT SYNONYMS

Beta-Nerve Growth Factor; NGF; Human Beta-Nerve Growth Factor; NGF Primacu ELISA Kit; Beta-nerve growth factor; NGFB; NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	2.19-140pg/mL
Sensitivity	0.92pg/mL
Standard Solution	1.4ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for NGF elisa kit

Nerve growth factor (NGF) is important for the development and maintenance of the sympathetic and sensory nervous systems. NGF protein was identified as a large complex consisting of three non-covalently linked subunits, alpha, beta, and gamma, among which, the beta subunit, called beta-NGF (beta-NGF), was demonstrated to exhibits the growth-stimulating activity of NGF protein. NGFB/beta-NGF gene is a member of the NGF-beta family and encodes a secreted protein that homodimerizes and is incorporated into a larger complex. NGF protein acts via at least two receptors on the surface of cells (TrkA and p75 receptors) to regulate neuronal survival, promote neurite outgrowth, and up-regulate certain neuronal functions such as mediation of pain and inflammation. Also, previous studies indicated that NGF may also have an important role in the regulation of the immune system.

Product Categories/Family for NGF elisa kit

Primacu ELISA Kit; Neuroscience

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; HSAN5; 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-nerve-growth-factor-ngf/124457>