

Rat beta nerve growth factor, beta-NGF ELISA Kit | beta-NGF elisa kit

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CATALOG #
AAA121253

REACTIVITY
Rat

PRODUCT SYNONYMS

beta nerve growth factor; beta-NGF; Rat beta nerve growth factor; beta-NGF ELISA Kit; beta-NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	241
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/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 beta-NGF elisa kit

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

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; HSN5; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/beta-nerve-growth-factor-beta-ngf/121253>