

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

Murine beta-NGF Pre-Coated ELISA Kit

CATALOG #
AAA79353

REACTIVITY
Murine

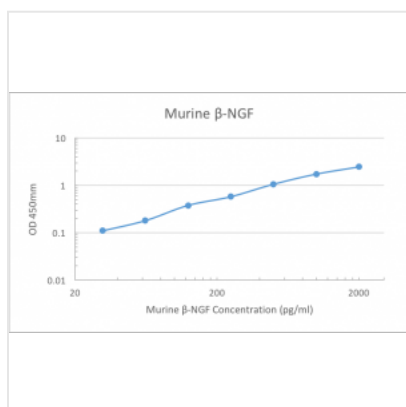
PRODUCT SYNONYMS

beta-NGF; Murine beta-NGF Pre-Coated ELISA Kit; beta-NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Murine
Specificity	Natural and recombinant Murine beta-NGF
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<1pg/ml
Components	Anti-Murine beta-NGF Pre-coated 96-well strip microplate Murine beta-NGF Standard Murine beta-NGF Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-NGF elisa kit	beta-NGF is a neurotrophic factor structurally related to BDNF, NT-3 and NT-4. These proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures. beta-NGF is a potent neurotrophic factor that signals through its receptor beta-NGFR, and plays a crucial role in the development and preservation of the sensory and sympathetic nervous systems. beta-NGF also acts as a growth and differentiation factor for B lymphocytes, and enhances B-cell survival. Murine beta-NGF Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure beta-NGF with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for beta-NGF. It contains NS0-expressed recombinant beta-NGF. The detection antibody is a biotinylated goat polyclonal antibody specific for beta-NGF. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	162951831
NCBI GeneID	18049
NCBI Accession #	NP_001106168.1
NCBI GenBank Nucleotide #	NM_001112698.2
UniProt Accession #	P01139; Q63864; Q6LDB7
Molecular Weight	27,077 Da
NCBI Official Full Name	beta-nerve growth factor isoform B
NCBI Official Synonym Full Names	nerve growth factor
NCBI Official Symbol	Ngf
NCBI Official Synonym Symbols	Ngfb
NCBI Protein Information	beta-nerve growth factor; beta-NGF; nerve growth factor, beta
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	Ngf
UniProt Synonym Gene Names	Ngfb; Beta-NGF
UniProt Entry Name	NGF_MOUSE

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.