

Rat Nerve Growth Factor (NGF) ELISA Kit | NGF elisa kit

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CATALOG #
AAA53258

REACTIVITY
Rat

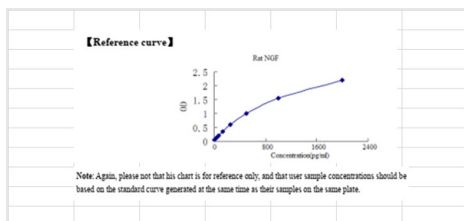
PRODUCT SYNONYMS

Nerve Growth Factor (NGF); Rat Nerve Growth Factor (NGF) ELISA kit; NGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	194
Assay Type	Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NGF elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat NGF monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

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 (beta polypeptide)
NCBI Official Symbol	ngf
NCBI Official Synonym Symbols	ngfb; ns:zft386; xx:zft386; zgc:109730
NCBI Protein Information	nerve growth factor; zNGF
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/rat-elisa-kits/nerve-growth-factor-ngf/53258>