

Rat Neurotrophin 4 ELISA Kit | NT-4 elisa kit

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CATALOG #
AAA102129

REACTIVITY
Rat

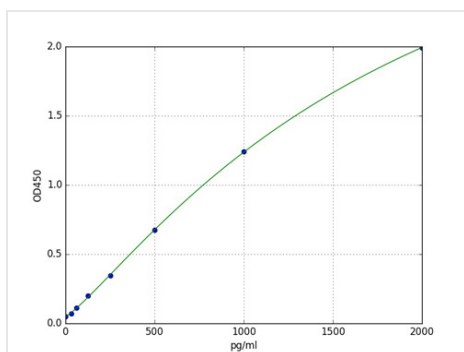
PRODUCT SYNONYMS

Neurotrophin 4; Rat Neurotrophin 4 ELISA Kit; NT-4/NT-5/NTF4/NTF5/GLC10/GLC10/neurotrophic factor 4/neurotrophic factor 5/neurotrophin 4/neurotrophin 5 (neurotrophin 4/5)/neurotrophin-4/Neurotrophin-5/neurotrophin-5/Neutrophic factor 4/NT-4/5/NT-5/NTF4/NTF5/NTF5NT5; NT-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	210
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat NT-4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.047	0.099	0.152	0.271	0.491	0.800	1.409	2.431

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NT-4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat NT-4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat NT-4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat NT-4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat NT-4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453808
NCBI GeneID	4909
NCBI Accession #	NP_006170.1
NCBI GenBank Nucleotide #	NM_006179.4
Molecular Weight	22,427 Da
NCBI Official Full Name	neurotrophin-4 preproprotein
NCBI Official Synonym Full Names	neurotrophin 4
NCBI Official Symbol	NTF4
NCBI Official Synonym Symbols	NT4; NT5; NT-4; NT-5; NTF5; GLC10; GLC1O; NT-4/5
NCBI Protein Information	neurotrophin-4
UniProt Protein Name	Neurotrophin-4
UniProt Gene Name	NTF4
UniProt Synonym Gene Names	NTF5; NT-4; NT-5
UniProt Entry Name	NTF4_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/nt-4-rat-elisa-kits/neurotrophin-4/102129>