

Rat NT-3 ELISA Kit | NT-3 elisa kit

Rat NT-3 (Neurotrophin 3) ELISA Kit

CATALOG #
AAA164125

REACTIVITY
Rat

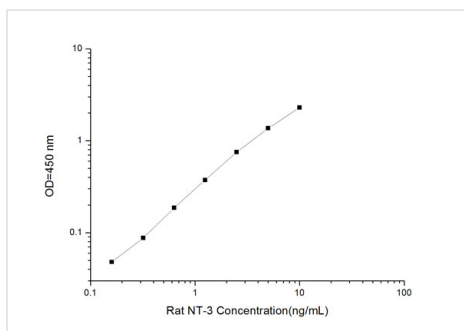
PRODUCT SYNONYMS

NT-3; Rat NT-3 (Neurotrophin 3) ELISA Kit; NT-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat NT-3. No significant cross-reactivity or interference between Rat NT-3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat NT-3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	258
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NT-3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NT-3 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat NT-3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat NT-3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat NT-3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat NT-3. You can calculate the concentration of Rat NT-3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399498554
NCBI GeneID	81737
NCBI Accession #	NP_001257799.1
NCBI GenBank Nucleotide #	NM_001270870.1
UniProt Accession #	P18280; Q6NS33
Molecular Weight	29,645 Da
NCBI Official Full Name	neurotrophin-3 isoform 3
NCBI Official Synonym Full Names	neurotrophin 3
NCBI Official Symbol	Ntf3
NCBI Protein Information	neurotrophin-3; HDNF; NGF-2; NT-3; nerve growth factor 2; neurotrophic factor; neurotrophin-3 (HDNF/NT-3)
UniProt Protein Name	Neurotrophin-3
UniProt Gene Name	Ntf3
UniProt Synonym Gene Names	Ntf-3; NT-3; NGF-2
UniProt Entry Name	NTF3_RAT

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/nt-3/164125>