

Mouse Neurotensin/neuromedin N ELISA Kit | Nts elisa kit

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CATALOG #
AAA192662

REACTIVITY
Mouse

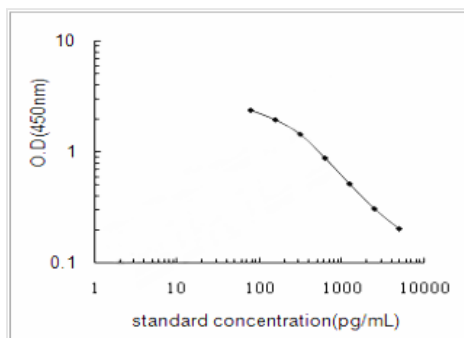
PRODUCT SYNONYMS

Neurotensin/neuromedin N; Mouse Neurotensin/neuromedin N ELISA Kit; Nts; Nts elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural MouseNeurotensin/neuromedin N. No significant cross-reactivity or interference was observed.
Sequence Length	169
Assay Type	Competitive
Detection Range	78-5000 pg/mL
Sensitivity	41.2 pg/mL
Intra-Assay CV	<=4.2%
Inter-Assay CV	<=6.4%
Recovery	92%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nts elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouseNeurotensin/neuromedin Nconcentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassaytechnique. The microtiter plate provided in this kit has been pre-coated with an antibody specific toNeurotensin/neuromedin N, During the reaction,Neurotensin/neuromedin Nin the sample or standard competes with a fixed amount of biotin-labeledNeurotensin/neuromedin N for sites on a pre-coated Monoclonal antibody specific to Neurotensin/neuromedin N. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Thena TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Neurotensin/neuromedin N in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13277358
NCBI GeneID	67405
NCBI Accession #	NP_077755.1
NCBI GenBank Nucleotide #	NM_024435.2
UniProt Accession #	Q9D3P9
Molecular Weight	19,608 Da
NCBI Official Full Name	neurotensin/neuromedin N
NCBI Official Synonym Full Names	neurotensin
NCBI Official Symbol	Nts
NCBI Official Synonym Symbols	NN; NT; NT/N; NTS1; NMN-125; 5033428E16Rik
NCBI Protein Information	neurotensin/neuromedin N
UniProt Protein Name	Neurotensin/neuromedin N
UniProt Gene Name	Nts
UniProt Synonym Gene Names	NN; NmN; NT
UniProt Entry Name	NEUT_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.

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Online datasheet: <https://stage.aaabiotech.com/nts-mouse-elisa-kits/neurotensin-neuromedin-n/192662>