

Mouse neurotensin ELISA Kit | NTS elisa kit

Mouse neurotensin, NTS ELISA Kit

CATALOG #
AAA112896

REACTIVITY
Mouse

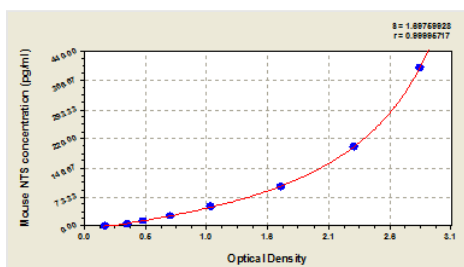
PRODUCT SYNONYMS

neurotensin; Mouse neurotensin; NTS ELISA Kit; Mouse neurotensin (NTS) ELISA kit; NMN-125; NN; NT; NT/N; NTS1; neuromedin N; neurotensin/neuromedin N; NTS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse NTS. No significant cross-reactivity or interference between mouse NTS and analogues was observed.
Sequence Length	169
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml - 400 pg/ml.
Sensitivity	The minimum detectable dose of mouse NTS is typically less than 1.56 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NTS elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NTS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NTS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NTS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NTS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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/112896>