

Human neurotensin ELISA Kit | NTS elisa kit

Human Neurotensin, NT ELISA Kit

CATALOG #
AAA79893

REACTIVITY
Human

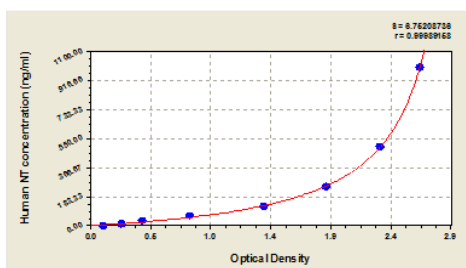
PRODUCT SYNONYMS

neurotensin; Human Neurotensin; NT ELISA Kit; NMN-125; NN; NT; NT/N; NTS1; neuromedin N; neurotensin/neuromedin N; NTS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NT. No significant cross-reactivity or interference between human NT and analogues was observed.
Sequence Length	170
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
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 NT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NT 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 NT bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453816
NCBI GeneID	4922
NCBI Accession #	NP_006174.1
NCBI GenBank Nucleotide #	NM_006183.4
UniProt Accession #	P30990
Molecular Weight	19,795 Da
NCBI Official Full Name	neurotensin/neuromedin N preproprotein
NCBI Official Synonym Full Names	neurotensin
NCBI Official Symbol	NTS
NCBI Official Synonym Symbols	NN; NT; NT/N; NTS1; NMN-125
NCBI Protein Information	neurotensin/neuromedin N; pro-neurotensin/neuromedin
UniProt Protein Name	Neurotensin/neuromedin N
UniProt Gene Name	NTS
UniProt Synonym Gene Names	NN; NmN; NT
UniProt Entry Name	NEUT_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/nts-human-elisa-kits/neurotensin/79893>