

Human neuromedin U ELISA Kit | NMU elisa kit

Human neuromedin U, NMU ELISA Kit

CATALOG #
AAA112760

REACTIVITY
Human

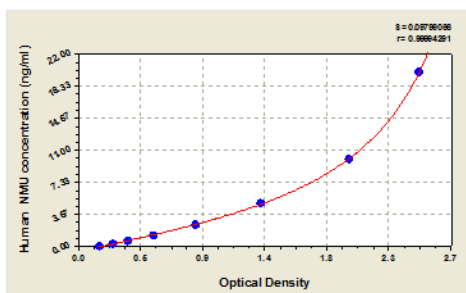
PRODUCT SYNONYMS

neuromedin U; Human neuromedin U; NMU ELISA Kit; Human neuromedin U (NMU) ELISA kit; NMU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NMU. No significant cross-reactivity or interference between Human NMU and analogues was observed.
Sequence Length	174
Samples	Serum, plasma, cerebrospinal fluid (CSF) and tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 NMU elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NMU has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NMU present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NMU 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 NMU 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 #	5729947
NCBI GeneID	10874
NCBI Accession #	NP_006672.1
NCBI GenBank Nucleotide #	NM_006681.3
UniProt Accession #	P48645
Molecular Weight	19,741 Da
NCBI Official Full Name	neuromedin-U isoform 1 preproprotein
NCBI Official Synonym Full Names	neuromedin U
NCBI Official Symbol	NMU
NCBI Protein Information	neuromedin-U; prepro-NMU
UniProt Protein Name	Neuromedin-U
UniProt Gene Name	NMU
UniProt Synonym Gene Names	NmU-25
UniProt Entry Name	NMU_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.