

Rat Neuromedin U (NMU) ELISA Kit | NMU elisa kit

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CATALOG #
AAA120867

REACTIVITY
Rat

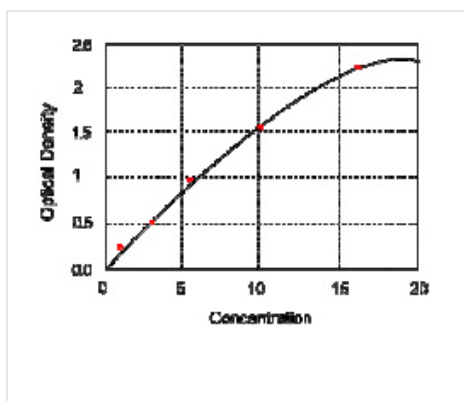
PRODUCT SYNONYMS

Neuromedin U (NMU); Rat Neuromedin U (NMU) ELISA Kit; NMU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	158
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L-300ng/L
Sensitivity	0.29ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NMU elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neuroligin-3 (also known as NLGN3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NLGN3 antibody. NLGN3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NLGN3 Antibody is added and binds to NLGN3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NLGN3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NLGN3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	635574602
NCBI GeneID	10874
NCBI Accession #	NP_001278974.1
NCBI GenBank Nucleotide #	NM_001292045.1
UniProt Accession #	P48645
Molecular Weight	19,741 Da
NCBI Official Full Name	neuromedin-U isoform 2
NCBI Official Synonym Full Names	neuromedin U
NCBI Official Symbol	NMU
NCBI Protein Information	neuromedin-U
UniProt Protein Name	Neuromedin-U
UniProt Gene Name	NMU
UniProt Synonym Gene Names	NmU-25

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/neuromedin-u-nmu/120867>