

Rat Neuromedin-U ELISA Kit | Nmu elisa kit

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CATALOG #
AAA191139

REACTIVITY
Rat

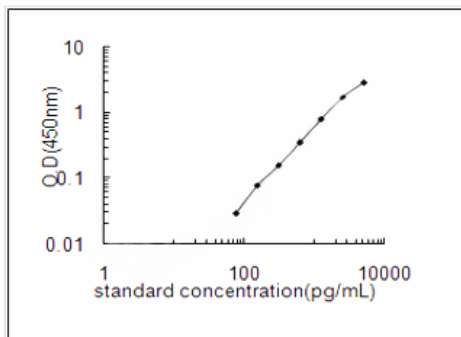
PRODUCT SYNONYMS

Neuromedin-U; Rat Neuromedin-U ELISA Kit; Nmu; Nmu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Neuromedin-U. No significant cross-reactivity or interference was observed.
Sequence Length	174
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL
Sensitivity	<40.23 pg/mL.
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 Nmu elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Neuromedin-U concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Neuromedin-U. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Neuromedin-U and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Neuromedin-U, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Neuromedin-U in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11560036
NCBI GeneID	63887
NCBI Accession #	NP_071575.1
NCBI GenBank Nucleotide #	NM_022239.2
UniProt Accession #	P12760
Molecular Weight	19,403 Da
NCBI Official Full Name	neuromedin-U
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-23
UniProt Entry Name	NMU_RAT

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/nmu-rat-elisa-kits/neuromedin-u/191139>