

Mouse neuromedin U (NMU) ELISA Kit | NMU elisa kit

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CATALOG #
AAA27158

REACTIVITY
Mouse

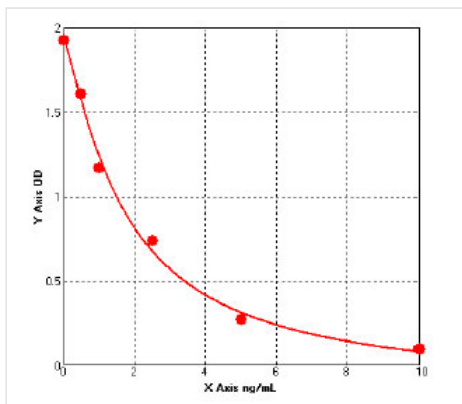
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NMU. No significant cross-reactivity or interference between NMU and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NMU and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NMU elisa kit	Principle of the Assay: NMU ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NMU antibody and an NMU-HRP conjugate. The assay sample and buffer are incubated together with NMU-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NMU concentration since NMU from samples and NMU-HRP conjugate compete for the anti-NMU antibody binding site. Since the number of sites is limited, as more sites are occupied by NMU from the sample, fewer sites are left to bind NMU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NMU concentration in each sample is interpolated from this standard curve. Intended Uses: This NMU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NMU. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for NMU elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	609013
NCBI GeneID	10874
UniProt Accession #	P48645
Molecular Weight	19,741 Da
NCBI Official Full Name	neuromedin U
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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/neuromedin-u-nmu/27158>