

Human Neuromedin-U ELISA Kit | NMU elisa kit

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CATALOG #
AAA98068

REACTIVITY
Human

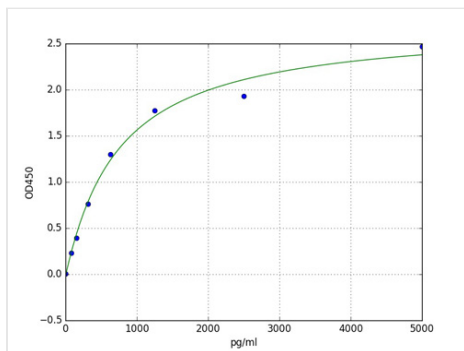
PRODUCT SYNONYMS

Neuromedin-U; Human Neuromedin-U ELISA Kit; NMU/Neuromedin-U; NMU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	174
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human NMU ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.028	0.411	0.708	0.956	1.427	1.901	2.211	2.352

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NMU elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human NMU antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NMU antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human NMU amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NMU can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5729947

NCBI GeneID	10874
NCBI Accession #	NP_006672.1
NCBI GenBank Nucleotide #	NM_006681.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/nmu-human-elisa-kits/neuromedin-u/98068>