

Mouse Nesfatin 1 (NES1) ELISA Kit | NES1 elisa kit

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CATALOG #
AAA181898

REACTIVITY
Mouse

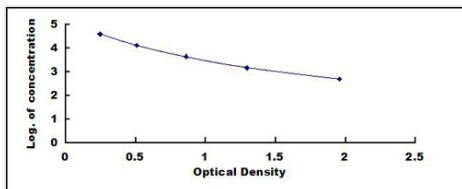
PRODUCT SYNONYMS

Nesfatin 1 (NES1); Mouse Nesfatin 1 (NES1) ELISA Kit; NES1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Nesfatin 1 (NES1). No significant cross-reactivity or interference between Nesfatin 1 (NES1) and analogues was observed.
Sequence Length	420
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	493.8-40000pg/mL
Sensitivity	< 191.7pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Nesfatin 1 (NES1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Nesfatin 1 (NES1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NES1 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Nesfatin 1 (NES1) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Nesfatin 1 (NES1) and unlabeled Nesfatin 1 (NES1) (Standards or samples) with the pre-coated antibody specific to Nesfatin 1 (NES1). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Nesfatin 1 (NES1) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Nesfatin 1 (NES1) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11072106
NCBI GeneID	59295
NCBI Accession #	NP_067695.1
NCBI GenBank Nucleotide #	NM_021663.2
UniProt Accession #	Q9JI85
Molecular Weight	50,090 Da
NCBI Official Full Name	nucleobindin-2
NCBI Official Synonym Full Names	nucleobindin 2
NCBI Official Symbol	Nucb2
NCBI Official Synonym Symbols	p54; Nefa
NCBI Protein Information	nucleobindin-2
UniProt Protein Name	Nucleobindin-2
UniProt Gene Name	Nucb2
UniProt Synonym Gene Names	Nefa

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/mouse-elisa-kits/nesfatin-1-nes1/181898>