

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

Mouse Nesfatin 1 (NES1) ELISA Kit

CATALOG #
AAA147200

REACTIVITY
Mouse

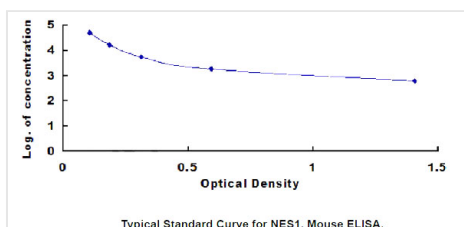
PRODUCT SYNONYMS

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 NES1. No significant cross-reactivity or interference between NES1 and analogues was observed.
Sequence Length	420
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma and other biological fluids
Detection Range	617.3-50,000pg/mL
Sensitivity	< 207.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NES1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NES1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to NES1 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled NES1 and unlabeled NES1 (Standards or samples) with the pre-coated antibody specific to 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 NES1 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of NES1 in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of NES1 in mouse serum, plasma and other biological fluids.
--	---

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.