

Mouse Nucleobindin 2 (NUCB2) ELISA Kit | NUCB2 elisa kit

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CATALOG #
AAA68634

REACTIVITY
Mouse

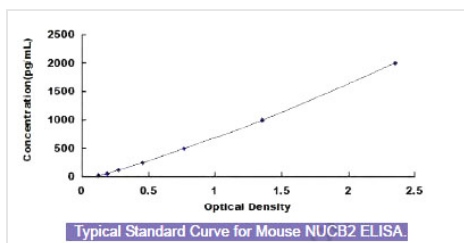
PRODUCT SYNONYMS

Nucleobindin 2 (NUCB2); Mouse Nucleobindin 2 (NUCB2) ELISA Kit; NUCB2; NEFA; Nucleobindin 2; DNA-binding protein NEFA; Gastric cancer antigen Zg4; Prepronesfatin; NUCB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NUCB2. No significant cross-reactivity or interference between NUCB2 and analogues was observed.
Sequence Length	420
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	<12.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NUCB2 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 NUCB2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUCB2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NUCB2 in mouse serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NUCB2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NUCB2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NUCB2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of NUCB2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194440700
NCBI GeneID	53322
NCBI Accession #	NP_001123951.1
NCBI GenBank Nucleotide #	NM_001130479.2
UniProt Accession #	P81117
Molecular Weight	50,304 Da
NCBI Official Full Name	nucleobindin-2
NCBI Official Synonym Full Names	nucleobindin 2
NCBI Official Symbol	Nucb2
NCBI Official Synonym Symbols	Nefa; Calnuc; AI607786; Nesfatin-1
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.