

Rat Nucleobindin-2 ELISA Kit | Nucb2 elisa kit

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CATALOG #
AAA190607

REACTIVITY
Rat

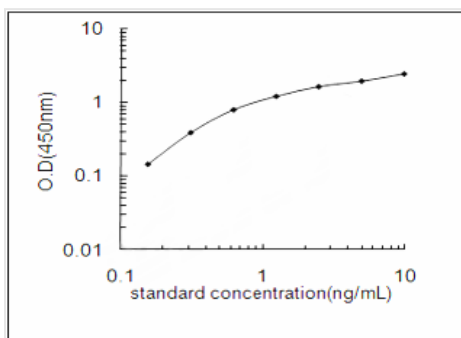
PRODUCT SYNONYMS

Nucleobindin-2; Rat Nucleobindin-2 ELISA Kit; DNA-binding protein NEFA; Nucb2; Nefa; Prepronesfatin; Nucb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Nucleobindin-2. No significant cross-reactivity or interference was observed.
Sequence Length	420
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.09 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=9.8%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nucb2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Nucleobindin-2 concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nucleobindin-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Nucleobindin-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Nucleobindin-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Nucleobindin-2 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 #	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
UniProt Entry Name	NUCB2_RAT

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.