

Mouse Nuclear Receptor Interacting Protein 1 ELISA Kit | NRIP1 elisa kit

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CATALOG #
AAA85257

REACTIVITY
Mouse

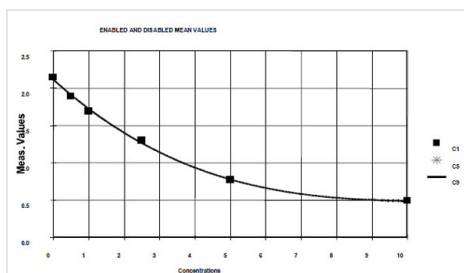
PRODUCT SYNONYMS

Nuclear Receptor Interacting Protein 1; Mouse Nuclear Receptor Interacting Protein 1 ELISA Kit; NRIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRIP1 elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This NRIP1 ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of NRIP1 in the sample, this NRIP1 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus NRIP1 concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoassay for the quantitative measurement of NRIP1 utilizes a monoclonal anti-NRIP1 antibody and an NRIP1-HRP conjugate. The assay sample and buffer are incubated together with NRIP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NRIP1 concentration since NRIP1 from samples and NRIP1-HRP conjugate compete for the anti-NRIP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NRIP1 from the sample, fewer sites are left to bind NRIP1-HRP conjugate. Standards of known NRIP1 concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of NRIP1. The NRIP1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57232746
NCBI GeneID	8204
NCBI Accession #	NP_003480.2
NCBI GenBank Nucleotide #	NM_003489.3
Molecular Weight	126,942 Da
NCBI Official Full Name	nuclear receptor-interacting protein 1
NCBI Official Synonym Full Names	nuclear receptor interacting protein 1
NCBI Official Symbol	NRIP1
NCBI Official Synonym Symbols	RIP140
NCBI Protein Information	nuclear receptor-interacting protein 1; nuclear factor RIP140; receptor interacting protein 140; receptor-interacting protein 140
UniProt Protein Name	Nuclear receptor-interacting protein 1
UniProt Gene Name	NRIP1
UniProt Entry Name	NRIP1_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.

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Online datasheet: <https://stage.aaabiotech.com/nrip1-mouse-elisa-kits/nuclear-receptor-interacting-protein-1/85257>