

Mouse NLR family CARD domain-containing protein 4 ELISA Kit | Nlrc4 elisa kit

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CATALOG #
AAA56348

REACTIVITY
Mouse

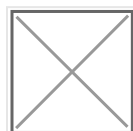
PRODUCT SYNONYMS

NLR family CARD domain-containing protein 4; Mouse NLR family CARD domain-containing protein 4 ELISA Kit; Nlrc4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse NLR family CARD domain-containing protein 4. No significant cross-reactivity or interference was observed.
Sequence Length	1024
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.083 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=8.4%
Recovery	101%
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 Nlrc4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NLR family CARD domain-containing protein 4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NLR family CARD domain-containing protein 4 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 NLR family CARD domain-containing protein 4, 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 NLR family CARD domain-containing protein 4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[77736546](#)

NCBI GeneID	268973
NCBI Accession #	NP_001028539.1
NCBI GenBank Nucleotide #	NM_001033367.3
UniProt Accession #	Q3UP24 ; Q3TAU8
Molecular Weight	116,749 Da
NCBI Official Full Name	NLR family CARD domain-containing protein 4
NCBI Official Synonym Full Names	NLR family, CARD domain containing 4
NCBI Official Symbol	Nlrc4
NCBI Official Synonym Symbols	CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; Card12; 9530011P19Rik
NCBI Protein Information	NLR family CARD domain-containing protein 4
UniProt Protein Name	NLR family CARD domain-containing protein 4
UniProt Gene Name	Nlrc4
UniProt Synonym Gene Names	Card12; Ipaf; Ipaf
UniProt Entry Name	NLRC4_MOUSE

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/nlrc4-mouse-elisa-kits/nlr-family-card-domain-containing-protein-4/56348>