

Human NLR family CARD domain-containing protein 4 ELISA Kit | NLRC4 elisa kit

Human NLRC4 (NLR family CARD domain-containing protein 4) ELISA Kit

 CATALOG #
AAA22033

 REACTIVITY
Human

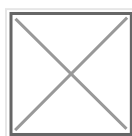
PRODUCT SYNONYMS

NLR family CARD domain-containing protein 4; Human NLRC4 (NLR family CARD domain-containing protein 4) ELISA Kit; NLRC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human NLRC4 in samples. No significant cross-reactivity or interference between Human NLRC4 and analogues was observed.
Sequence Length	1024
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human NLRC4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human NLRC4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NLRC4 elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human NLRC4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human NLRC4 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human NLRC4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Human NLRC4. You can calculate the concentration of Human NLRC4 in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human NLRC4 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77736546
NCBI GeneID	268973
NCBI Accession #	NP_001028539.1
NCBI GenBank Nucleotide #	NM_001033367.3
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-human-elisa-kits/nlr-family-card-domain-containing-protein-4/22033>