

Mouse NOD1/Nucleotide-Binding Oligomerization Domain-Containing Protein 1 ELISA Kit | NOD1 elisa kit

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CATALOG #
AAA196672

REACTIVITY
Mouse

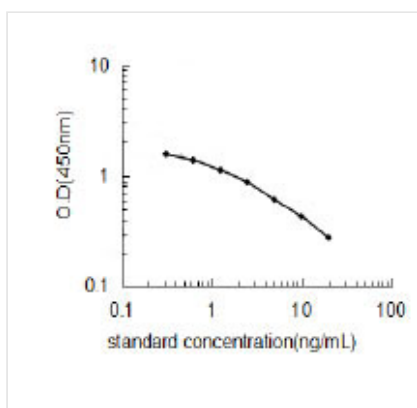
PRODUCT SYNONYMS

NOD1/Nucleotide-Binding Oligomerization Domain-Containing Protein 1; Mouse NOD1/Nucleotide-Binding Oligomerization Domain-Containing Protein 1 ELISA Kit; Nucleotide-binding oligomerization domain-containing protein 1; Caspase recruitment domain-containing protein 4; Card4; NOD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Nucleotide-binding oligomerization domain-containing protein 1
Sequence Length	953
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.096 ng/mL
Intra-assay Precision	<=5.8%
Inter-assay Precision	<=8.3%
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 NOD1 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283806725
NCBI GeneID	107607
NCBI Accession #	NP_001164478.1
NCBI GenBank Nucleotide #	NM_001171007.1
UniProt Accession #	Q8BHB0
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 1
NCBI Official Synonym Full Names	nucleotide-binding oligomerization domain containing 1
NCBI Official Symbol	Nod1
NCBI Official Synonym Symbols	Card4; Nlrc1; C230079P11; F830007N14Rik
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 1
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 1
UniProt Gene Name	Nod1
UniProt Synonym Gene Names	Card4
UniProt Entry Name	NOD1_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/mouse-elisa-kits/nod1-nucleotide-binding-oligomerization-domain-containing-protein-1/196672>