

Human NLRC5 (Protein NLRC5) ELISA Kit | NLRC5 elisa kit

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CATALOG #
AAA250741

REACTIVITY
Human

PRODUCT SYNONYMS

NLRC5 (Protein NLRC5); Human NLRC5 (Protein NLRC5) ELISA Kit; Protein NLRC5; Caterpillar protein 16.1 (CLR16.1); Nucleotide-binding oligomerization domain protein 27; Nucleotide-binding oligomerization domain protein 4; NLRC5; NLRC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NLRC5. No significant cross-reactivity or interference between NLRC5 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for NLRC5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116268109
NCBI GeneID	84166
NCBI Accession #	NP_115582
NCBI GenBank Nucleotide #	NM_032206.3
UniProt Accession #	Q86WI3; Q6P4A6; Q86VM7; Q8NF42; Q8TEE2; Q8TEJ1; Q969L7; B5MEF1; C9JMD8
Molecular Weight	205 kDa
NCBI Official Full Name	protein NLRC5

NCBI Official Synonym Full Names	NLR family, CARD domain containing 5
NCBI Official Symbol	NLRC5
NCBI Official Synonym Symbols	NOD4; NOD27; CLR16.1
NCBI Protein Information	protein NLRC5; NOD-like receptor C5; caterpillar protein 16.1; nucleotide-binding oligomerization domains 27; nucleotide-binding oligomerization domain protein 4; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 5
UniProt Protein Name	Protein NLRC5
UniProt Gene Name	NLRC5
UniProt Synonym Gene Names	NOD27; NOD4; CLR16.1
UniProt Entry Name	NLRC5_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://www.aaabiotech.com/human-elisa-kits/nlrc5-protein-nlrc5/250741>