

Human nucleotide-binding oligomerization domain containing 2 ELISA Kit | NOD2 elisa kit

Human Nucleotide-binding oligomerization domain-containing protein 2, NOD2 ELISA Kit

CATALOG #
AAA18323

REACTIVITY
Human

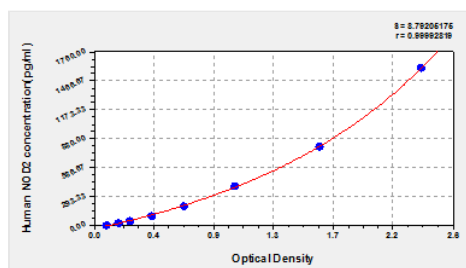
PRODUCT SYNONYMS

nucleotide-binding oligomerization domain containing 2; Human Nucleotide-binding oligomerization domain-containing protein 2; NOD2 ELISA Kit; Human Nucleotide-binding oligomerization domain-containing protein 2 (NOD2) ELISA kit; ACUG; BLAU; CARD15; CD; CLR16.3; IBD1; NLRC2; NOD2B; PSORAS1; NLR family; CARD domain containing 2; NOD-like receptor C2; caspase recruitment domain family; member 15; caspase recruitment domain protei; NOD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NOD2. No significant cross-reactivity or interference between human NOD2 and analogues was observed.
Sequence Length	1,040
Samples	Serum, plasma, ascitic fluid, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOD2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NOD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NOD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NOD2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NOD2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11545912
NCBI GeneID	64127
NCBI Accession #	NP_071445.1
NCBI GenBank Nucleotide #	NM_022162.2
UniProt Accession #	Q9HC29; Q96RH5; Q96RH6; Q96RH8; E2JEQ6
Molecular Weight	115,283 Da
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	nucleotide-binding oligomerization domain containing 2
NCBI Official Symbol	NOD2
NCBI Official Synonym Symbols	CD; ACUG; BLAU; IBD1; NLRC2; NOD2B; CARD15; CLR16.3; PSORAS1
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 2; NOD-like receptor C2; NLR family, CARD domain containing 2; inflammatory bowel disease protein 1; caspase recruitment domain protein 15; nucleotide-binding oligomerization domain 2; caspase recruitment domain family, member 15; caspase recruitment domain-containing protein 15; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 2
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 2
UniProt Gene Name	NOD2
UniProt Synonym Gene Names	CARD15; IBD1
UniProt Entry Name	NOD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nod2-human-elisa-kits/nucleotide-binding-oligomerization-domain-containing-2/18323>