

Human Nidogen-2 ELISA Kit | NID-2 elisa kit

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CATALOG #
AAA100648

REACTIVITY
Human

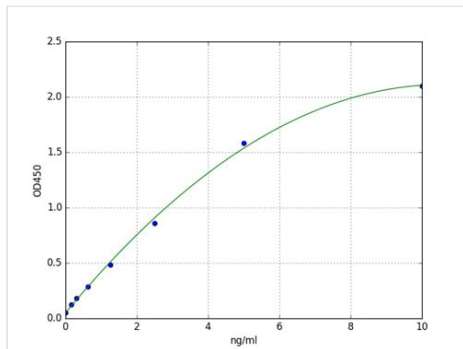
PRODUCT SYNONYMS

Nidogen-2; Human Nidogen-2 ELISA Kit; NID-2/Nidogen-2/NID2/Osteonidogen/nidogen 2 (osteonidogen)/Osteonidogen; NID-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1375
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.78-50ng/ml
Sensitivity	0.46pg/ml
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

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human Nidogen-2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.151	0.206	0.238	0.329	0.541	0.963	1.483	2.139

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NID-2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Nidogen-2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Nidogen-2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human Nidogen-2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Nidogen-2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	144953895
NCBI GeneID	22795
NCBI Accession #	NP_031387.3
NCBI GenBank Nucleotide #	NM_007361.3
Molecular Weight	140,866 Da
NCBI Official Full Name	nidogen-2
NCBI Official Synonym Full Names	nidogen 2
NCBI Official Symbol	NID2
NCBI Official Synonym Symbols	NID-2
NCBI Protein Information	nidogen-2
UniProt Protein Name	Nidogen-2
UniProt Gene Name	NID2
UniProt Synonym Gene Names	NID-2
UniProt Entry Name	NID2_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/nid-2-human-elisa-kits/nidogen-2/100648>