

Human Nidogen-1/Entactin/NID-1 ELISA Kit | NID1 elisa kit

Human Nidogen-1/Entactin/NID-1 PicoKine ELISA Kit

CATALOG #
AAA45800

REACTIVITY
Human

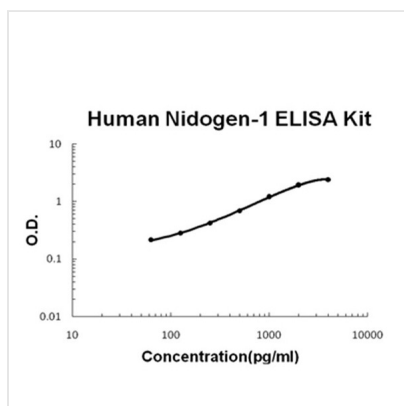
PRODUCT SYNONYMS

Nidogen-1/Entactin/NID-1; Human Nidogen-1/Entactin/NID-1 PicoKine ELISA Kit; Nidogen-1; nidogen 1; Entactin; NID-1; Nid1; NID1_HUMAN; NID1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Nidogen-1
Sequence Length	1247
Samples	Cell culture supernates and serum
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Nidogen-1/Entactin/NID-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for NID1 elisa kit	Principle of the assay: human Nidogen-1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Nidogen-1 has been precoated onto 96-well plates. Standards(NSO, L29-K1114) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Nidogen-1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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-1 amount of sample captured in plate. Background: Nidogen-1(NID-1), also known as Entactin, is a protein that in humans is encoded by the NID1 gene. It is a member of the nidogen family of basement membrane glycoproteins. This gene is mapped to 1q42.3. Nidogen-1 is a component of the basement membrane alongside other components such as collagen type IV, proteoglycans (heparan sulfate and glycosaminoglycans), laminin and fibronectin. The protein interacts with several other components of basement membranes. Structurally it (along with perlecan) connects the networks formed by collagens and laminins to each other. It may also play a role in cell interactions with the extracellular matrix. Nidogen-1 also can serve as a bridge between the 2 most abundant molecules in the basement membrane: type IV collagen and laminin.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	251757450
NCBI GeneID	4811
UniProt Accession #	P14543; Q14942; Q59FL2; Q5TAF2; Q5TAF3; Q86XD7
Molecular Weight	122,017 Da
NCBI Official Full Name	Nidogen-1
NCBI Official Synonym Full Names	nidogen 1
NCBI Official Symbol	NID1
NCBI Official Synonym Symbols	NID
NCBI Protein Information	nidogen-1; NID-1; enactin; entactin
UniProt Protein Name	Nidogen-1
UniProt Gene Name	NID1
UniProt Synonym Gene Names	NID; NID-1
UniProt Entry Name	NID1_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/nid1-human-elisa-kits/nidogen-1-entactin-nid-1/45800>