

Datasheet for ABIN6719872
Nidogen 1 ELISA Kit



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Overview

Quantity:	1 kit
Target:	Nidogen 1 (NID1)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Entactin, NID-1, Nid1, NID1_HUMAN, Nidogen-1</p> <p>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</p>

Product Details

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.

Gene Name: NID1

Production: Natural and recombinant human Nidogen-1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L29-K1114

Target Details

Target:	Nidogen 1 (NID1)
Alternative Name:	Entactin - NID-1 (NID1 Products)
Gene ID:	4811
NCBI Accession:	NP_002499
UniProt:	P14543

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human Nidogen-1 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates or serum to each empty well. It is recommended that each human Nidogen-1 standard solution and each sample be measured in duplicate.

ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.