

Sheep Cadherin, Neuronal ELISA Kit | CDHN elisa kit

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CATALOG #
AAA92606

REACTIVITY
Sheep

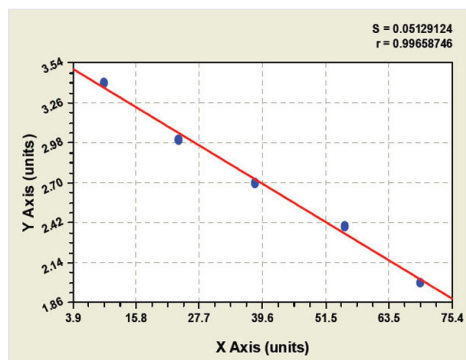
PRODUCT SYNONYMS

Cadherin; Neuronal; Sheep Cadherin; Neuronal ELISA Kit; CDHN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CDHN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CDHN. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDHN elisa kit

Principle of the Assay: CDHN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CDHN antibody and an CDHN-HRP conjugate. The assay sample and buffer are incubated together with CDHN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CDHN concentration since CDHN from samples and CDHN-HRP conjugate compete for the anti-CDHN antibody binding site. Since the number of sites is limited, as more sites are occupied by CDHN from the sample, fewer sites are left to bind CDHN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDHN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119621646
NCBI GeneID	1000
Molecular Weight	99,809 Da
NCBI Official Full Name	cadherin 2, type 1, N-cadherin (neuronal), isoform CRA_b
NCBI Official Synonym Full Names	cadherin 2, type 1, N-cadherin (neuronal)
NCBI Official Symbol	CDH2
NCBI Official Synonym Symbols	CDHN; NCAD; CD325; CDw325
NCBI Protein Information	cadherin-2; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal
UniProt Protein Name	Cadherin-2
UniProt Gene Name	CDH2
UniProt Synonym Gene Names	CDHN; NCAD; N-cadherin
UniProt Entry Name	CADH2_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.