

Rat CD325 ELISA Kit | CDH2 elisa kit

Rat CD325 ELISA Kit

CATALOG # AAA261739	REACTIVITY Rat	APPLICATIONS ELISA
-------------------------------	--------------------------	------------------------------

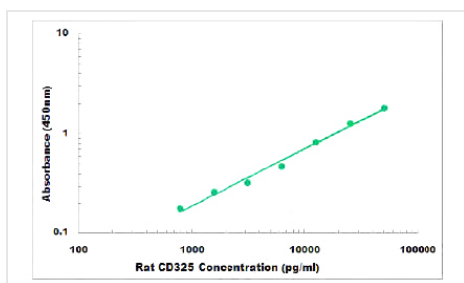
PRODUCT SYNONYMS

CD325; Rat CD325 ELISA Kit; CDHN; NCAD; Cadherin-2; CDw325; Neural cadherin; N-cadherin; CDH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Rat CD325 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat CD325 proteins within the range of 780 pg/ml - 50000 pg/ml.
Sequence Length	906
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	20 pg/ml.
Applicable Applications for CDH2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH2 elisa kit	Principle of the Assay The Rat CD325 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat CD325 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat CD325 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD325 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Rat CD325 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD325 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Cadherin-2 (CDH2), also known as neural cadherin(NCAD), is a protein that in humans is encoded by the CDH2 gene. It is a classical cadherin from the cadherin superfamily. This gene is mapped to 18q12.1. Cadherin-2 is expressed in the brain, skeletal and cardiac muscle. Cadherin-2 is commonly found in cancer cells and provides a mechanism for transendothelial migration. It is a calcium dependent cell-cell adhesion glycoprotein comprising five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	13431334
NCBI GeneID	83501
UniProt Accession #	Q9Z1Y3; Q9R0T5
Molecular Weight	99,686 Da
NCBI Official Full Name	Cadherin-2
NCBI Official Synonym Full Names	cadherin 2
NCBI Official Symbol	Cdh2
NCBI Official Synonym Symbols	N-cadherin
NCBI Protein Information	cadherin-2
UniProt Protein Name	Cadherin-2
UniProt Gene Name	Cdh2
UniProt Synonym Gene Names	N-cadherin
UniProt Entry Name	CADH2_RAT

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.