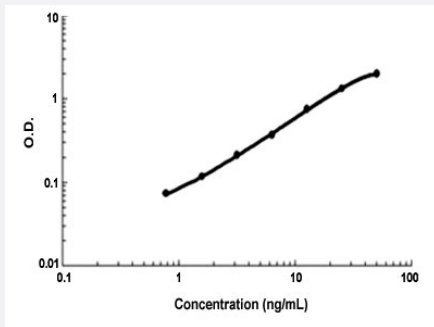


CDH2 (Human) ELISA Kit

Catalog # KA4391 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CDH2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CDH2.
Suitable Sample	Cell Culture Supernates, Cell Lysates, Plasma (heparin, EDTA), Serum
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.78 to 50 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — CDH2

Entrez GeneID	1000
Gene Name	CDH2
Gene Alias	CD325, CDHN, CDw325, NCAD
Gene Description	cadherin 2, type 1, N-cadherin (neuronal)
Omim ID	114020
Gene Ontology	Hyperlink
Gene Summary	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane 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. [provided by RefSeq]
Other Designations	N-cadherin 1 cadherin 2, N-cadherin (neuronal) cadherin 2, type 1 calcium-dependent adhesion protein, neuronal neural cadherin

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)