

CDH5 (Human) Cell-Based ELISA Kit

Catalog # KA3221

Size 1 Kit

Specification

Product Description	CDH5 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CDH5 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CDH5

Entrez GeneID	1003
Gene Name	CDH5
Gene Alias	7B4, CD144, FLJ17376
Gene Description	cadherin 5, type 2 (vascular endothelium)
Omim ID	601120

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq]

Other Designations

7B4 antigen|VE-cadherin|cadherin 5, type 2|cadherin 5, type 2, VE-cadherin (vascular epithelium)|cd144 antigen|endothelial-specific cadherin|vascular endothelial cadherin

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)