

Human P-Cadherin ELISA Kit | CDH3 elisa kit

P-Cadherin Human ELISA Kit

CATALOG # AAA58889	REACTIVITY Human	APPLICATIONS ELISA
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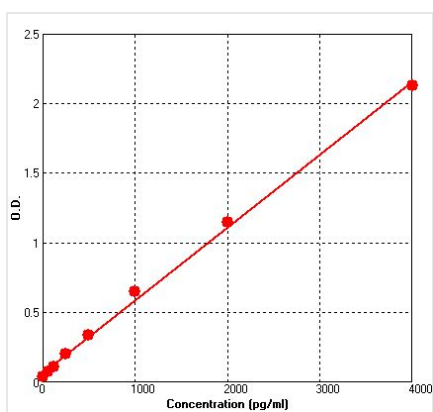
PRODUCT SYNONYMS

P-Cadherin; P-Cadherin Human ELISA Kit; Human P-Cadherin; CDH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 2pg/ml
Applicable Applications for CDH3 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PCadherin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-P-Cadherin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the P-Cadherin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of P-Cadherin can be calculated. Background: Cadherin-3, also known as P-Cadherin, is a protein that in humans is encoded by the CDH3 gene. This gene is a classical cadherin from the cadherin superfamily. It 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. This protein is a calcium-dependent cell-cell adhesion glycoprotein composed of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene have been associated with congenital hypotrichosis with juvenile macular dystrophy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2950172
NCBI GeneID	1001
UniProt Accession #	P22223; Q05DI6; B2R6F4
Molecular Weight	91,418 Da
NCBI Official Full Name	P-cadherin
NCBI Official Synonym Full Names	cadherin 3, type 1, P-cadherin (placental)
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
NCBI Protein Information	cadherin-3; calcium-dependent adhesion protein, placental
UniProt Protein Name	Cadherin-3
UniProt Gene Name	CDH3
UniProt Synonym Gene Names	CDHP; P-cadherin
UniProt Entry Name	CADH3_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.