

Mouse P-Cadherin ELISA Kit | CDH3 elisa kit

Mouse P-Cadherin PicoKine ELISA Kit

CATALOG #
AAA45559

REACTIVITY
Mouse

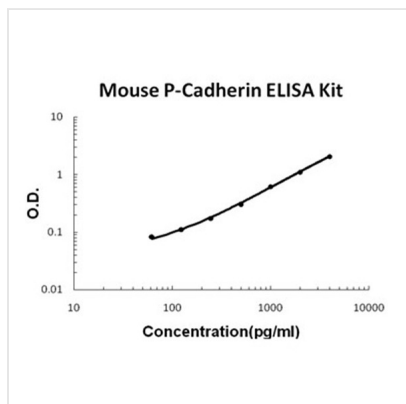
PRODUCT SYNONYMS

P-Cadherin; Mouse P-Cadherin PicoKine ELISA Kit; Cadherin-3; cadherin 3; type 1; P-cadherin (placental); AI385538; CADH3_HUMAN; Cadherin 3; Cadherin 3 precursor; Cadherin 3 type 1; Cadp; Calcium dependent adhesion protein placental; CDH 3; CDH3; CDH3 protein; CDHP; HJMD; P cadherin (placental); P-cadherin; PCAD; Placental cadherin; CDH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Oligomeric forms of natural and recombinant mouse P-Cadherin
Sequence Length	822
Samples	Cell culture supernates and serum
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse P-Cadherin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CDH3 elisa kit	Principle of the assay: mouse P-Cadherin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for P-Cadherin has been precoated onto 96-well plates. Standards(NSO,E100-G647) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for P-Cadherin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 mouse P-Cadherin amount of sample captured in plate. Background: P-Cadherin, also known as Cadherin-3(CDH3), is a protein that in humans is encoded by the CDH3 gene. This gene is a classical cadherin from the cadherin superfamily. This gene 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. 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. Cells expressing CDH3 also adhered to one another more tightly than the parental cell line.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341940301
NCBI GeneID	12560
UniProt Accession #	P10287; Q61465; Q8BSL6
Molecular Weight	90,612 Da
NCBI Official Full Name	Cadherin-3
NCBI Official Synonym Full Names	cadherin 3
NCBI Official Symbol	Cdh3
NCBI Official Synonym Symbols	Cadp; Cdhp; Pcad; AI385538; P-cadherin
NCBI Protein Information	cadherin-3; placental cadherin; RPE-specific cadherin
UniProt Protein Name	Cadherin-3
UniProt Gene Name	Cdh3
UniProt Synonym Gene Names	Cdhp; P-cadherin
UniProt Entry Name	CADH3_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/cdh3-mouse-elisa-kits/p-cadherin/45559>