

Datasheet for ABIN6719874

P-Cadherin ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	P-Cadherin (CDH3)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: AI385538, CADH3_HUMAN, Cadherin 3, Cadherin 3 precursor, Cadherin 3 type 1, Cadherin-3, Cadp, Calcium dependent adhesion protein placental, CDH 3, CDH3, CDH3 protein, CDHP, HJMD, P cadherin (placental), P-cadherin, PCAD, Placental cadherin</p> <p>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</p>

Product Details

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.

Gene Name: CDH3

Production: Oligomeric forms of natural and recombinant mouse P-Cadherin. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: E100-G647

Target Details

Target: P-Cadherin (CDH3)

Alternative Name: P-Cadherin ([CDH3 Products](#))

Gene ID: 12560

NCBI Accession: [NP_001032898](#)

UniProt: [P10287](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL mouse P-Cadherin standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates or serum to each empty well. It is recommended that each mouse P-Cadherin standard solution and each sample be measured in duplicate.

ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

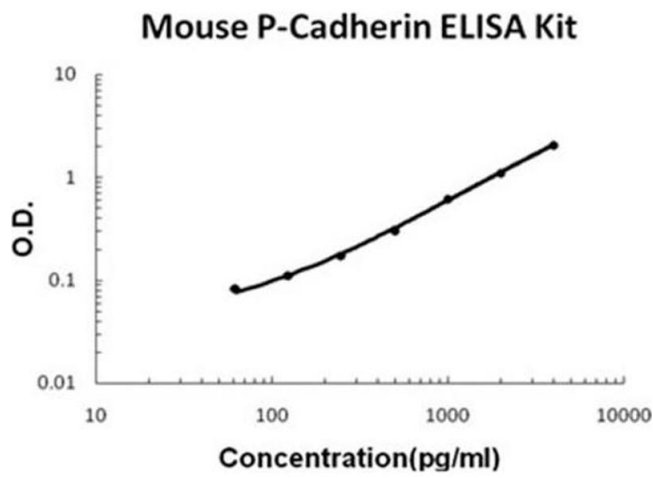
Restrictions: For Research Use only

Handling

Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.



ELISA

Image 1. Mouse P-Cadherin Accusignal ELISA Kit Mouse P-Cadherin AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.