

Datasheet for ABIN6719852

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

Overview

Quantity:	1 kit
Target:	P-Cadherin (CDH3)
Reactivity:	Human
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: Cadherins are calcium-dependent cell-cell adhesion molecules that mediate cell-cell binding in a homophilic manner. They play an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Cadherin expression is regulated spatially as well as temporally. Cadherins are thought to play an important role in development and maintenance of tissues through selective</p>

Product Details

cell-cell adhesion activity and may be involved also in the invasion and metastasis of malignant tumors. Cadherin regulates dendritic spine morphogenesis. A cadherin gene cluster is mapped to a region of chromosome 5 subject to frequent allelic loss in carcinoma. The standard product used in this kit is recombinant P-Cadherin with the molecular mass of 120-130Kda after glycosylation.

Gene Name: CDH3

Production: Natural and recombinant human P-Cadherin. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D108-G654

Target Details

Target: P-Cadherin (CDH3)

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

Gene ID: 1001

NCBI Accession: [NP_001304124](#)

UniProt: [P22223](#)

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 human 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 human cell culture supernates or serum to each empty well. It is recommended that each human 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

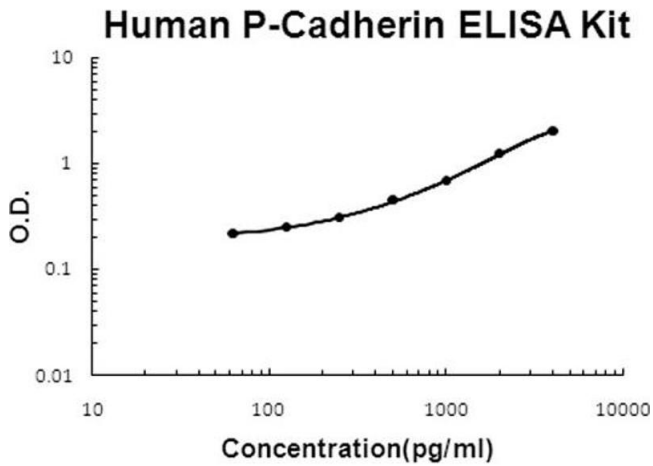
Handling

Storage: RT, 4 °C, -20 °C

Handling

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.

Images



ELISA

Image 1. Human P-Cadherin Accusignal ELISA Kit Human P-Cadherin AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <2pg/ml