

Human Protocadherin-1 ELISA Kit | PCDH1 elisa kit

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CATALOG #
AAA310146

REACTIVITY
Human

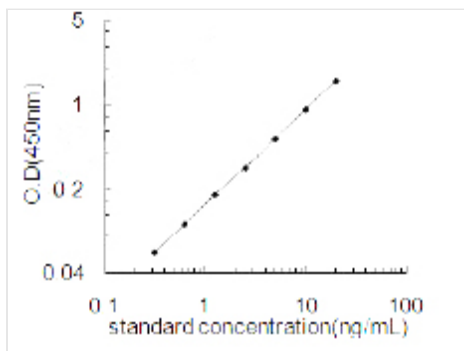
PRODUCT SYNONYMS

Protocadherin-1; Human Protocadherin-1 ELISA Kit; Cadherin-like protein 1; Protocadherin-42; PC42; PCDH1; PCDH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Protocadherin-1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCDH1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Protocadherin-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Protocadherin-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Protocadherin-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Protocadherin-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Protocadherin-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

519666790

NCBI GeneID	5097
NCBI Accession #	NP_001265542.1
NCBI GenBank Nucleotide #	NM_001278613.1
UniProt Accession #	Q08174; Q8IUP2
Molecular Weight	133,722 Da
NCBI Official Full Name	protocadherin-1 isoform 3
NCBI Official Synonym Full Names	protocadherin 1
NCBI Official Symbol	PCDH1
NCBI Official Synonym Symbols	PC42; PCDH42
NCBI Protein Information	protocadherin-1
UniProt Protein Name	Protocadherin-1
UniProt Gene Name	PCDH1
UniProt Synonym Gene Names	PC42

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/pcdh1-human-elisa-kits/protocadherin-1/310146>