

Human Protocadherin 1 ELISA Kit | PCDH1 elisa kit

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CATALOG #
AAA85936

REACTIVITY
Human

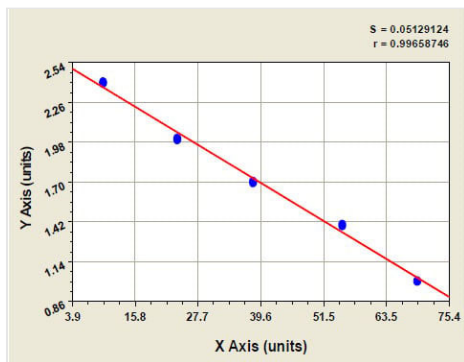
PRODUCT SYNONYMS

Protocadherin 1; Human Protocadherin 1 ELISA Kit; PCDH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PFN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PFN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCDH1 elisa kit

Principle of the assay: PFN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PFN antibody and an PFN-HRP conjugate. The assay sample and buffer are incubated together with PFN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PFN concentration since PFN from samples and PFN-HRP conjugate compete for the anti-PFN antibody binding site. Since the number of sites is limited, as more sites are occupied by PFN from the sample, fewer sites are left to bind PFN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315192557
Molecular Weight	18,843 Da
NCBI Official Full Name	Pcdh1, partial
UniProt Protein Name	Pcdh1
UniProt Gene Name	pcdh1
UniProt Entry Name	E7DCT5_9PIPI

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-1/85936>