

Human Protocadherin-1 ELISA Kit | PCDH1 elisa kit

Human Protocadherin-1 ELISA Kit

CATALOG #
AAA100698

REACTIVITY
Human

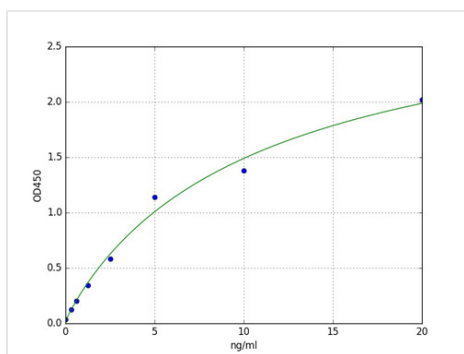
PRODUCT SYNONYMS

Protocadherin-1; Human Protocadherin-1 ELISA Kit; PCDH1/Protocadherin-1/Cadherin-like protein 1/Protocadherin-42/PC42/PCDH42/protocadherin 42/Protocadherin-42/cadherin-like 1; PCDH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1237
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human PCDH1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.063	0.125	0.199	0.322	0.625	0.916	1.703	2.210

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCDH1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PCDH1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PCDH1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Human PCDH1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PCDH1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27754773
NCBI GeneID	5097
NCBI Accession #	NP_115796.2
NCBI GenBank Nucleotide #	NM_032420.3
Molecular Weight	133,722 Da
NCBI Official Full Name	protocadherin-1 isoform 2
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
UniProt Entry Name	PCDH1_HUMAN

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-1/100698>