

Human Protocadherin Beta 16 ELISA Kit | PCDHbeta16 elisa kit

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CATALOG #
AAA97836

REACTIVITY
Human

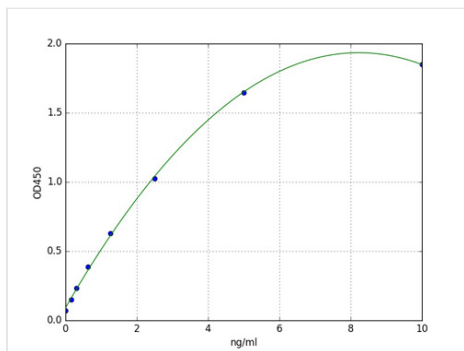
PRODUCT SYNONYMS

Protocadherin Beta 16; Human Protocadherin Beta 16 ELISA Kit; PCDHb16 ; PCDHbeta16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	776
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human PCDHβ 16 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.060	0.121	0.158	0.265	0.460	0.837	1.548	2.298

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCDHbeta16 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PCDHbeta16 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PCDHbeta16 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. HRP-Streptavidin 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 PCDHbeta16 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PCDHbeta16 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	605052038
NCBI GeneID	57717
NCBI Accession #	NP_066008.2
NCBI GenBank Nucleotide #	NM_020957.3
Molecular Weight	84,983 Da
NCBI Official Full Name	protocadherin beta-16
NCBI Official Synonym Full Names	protocadherin beta 16
NCBI Official Symbol	PCDHB16
NCBI Official Synonym Symbols	ME1; PCDH3X; PCDHB8a; PCDH-BETA16
NCBI Protein Information	protocadherin beta-16
UniProt Protein Name	Protocadherin beta-16
UniProt Gene Name	PCDHB16
UniProt Synonym Gene Names	KIAA1621; PCDH3X; PCDH-beta-16
UniProt Entry Name	PCDBG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pcdhbeta16-human-elisa-kits/protocadherin-beta-16/97836>