

Monkey Protocadherin Beta 2 ELISA Kit | PCDHbeta2 elisa kit

Monkey Protocadherin Beta 2 ELISA Kit

CATALOG #
AAA91556

REACTIVITY
Monkey

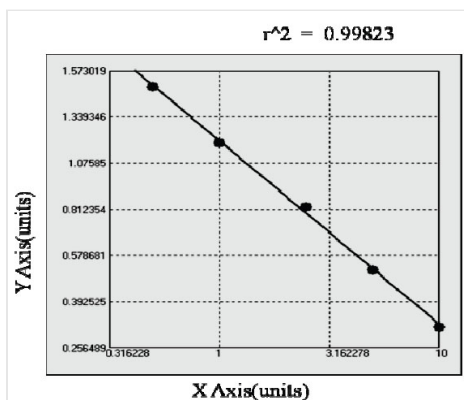
PRODUCT SYNONYMS

Protocadherin Beta 2; Monkey Protocadherin Beta 2 ELISA Kit; PCDHbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCDHbeta2 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This PCDHB2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PCDHB2. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY PCDHB2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PCDHB2 antibody and an PCDHB2-HRP conjugate. The assay sample and buffer are incubated together with PCDHB2-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 PCDHB2 concentration since PCDHB2 from samples and PCDHB2-HRP conjugate compete for the anti-PCDHB2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PCDHB2 from the sample, fewer sites are left to bind PCDHB2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCDHB2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PCDHbeta2 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9256612
NCBI GeneID	56133
NCBI Accession #	NP_061759.1
NCBI GenBank Nucleotide #	NM_018936.3
Molecular Weight	87,254 Da
NCBI Official Full Name	protocadherin beta-2
NCBI Official Synonym Full Names	protocadherin beta 2
NCBI Official Symbol	PCDHB2
NCBI Official Synonym Symbols	PCDH-BETA2
NCBI Protein Information	protocadherin beta-2
UniProt Protein Name	Protocadherin beta-2
UniProt Gene Name	PCDHB2
UniProt Synonym Gene Names	PCDH-beta-2
UniProt Entry Name	PCDB2_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/pcdhbeta2-monkey-elisa-kits/protocadherin-beta-2/91556>