

Human Protocadherin beta 2 ELISA Kit | PCDHbeta2 elisa kit

Human Protocadherin beta 2 ELISA Kit

CATALOG #
AAA84334

REACTIVITY
Human

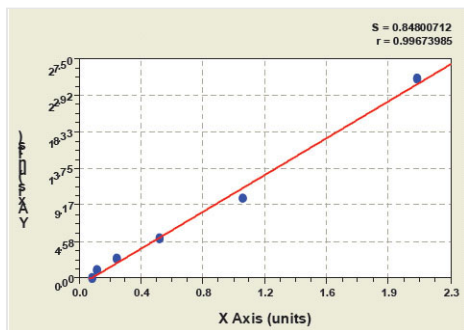
PRODUCT SYNONYMS

Protocadherin beta 2; Human Protocadherin beta 2 ELISA Kit; Human Protocadherin b 2 ELISA Kit; PCDHbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This BG PCDHbeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PCDHbeta2. 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 PCDHbeta2 elisa kit

Principle of the Assay: PCDHbeta2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PCDHbeta2. Standards or samples are then added to the microtiter plate wells and PCDHbeta2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PCDHbeta2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for PCDHbeta2 are added to each well to "sandwich" the PCDHbeta2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PCDHbeta2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCDHbeta2 concentration in each sample is interpolated from this standard curve.

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.