

Human protocadherin 10 ELISA Kit | PCDH10 elisa kit

Human Protocadherin-10, PCDH10 ELISA Kit

CATALOG #
AAA113054

REACTIVITY
Human

PRODUCT SYNONYMS

protocadherin 10; Human Protocadherin-10; PCDH10 ELISA Kit; Human Protocadherin-10 (PCDH10) ELISA kit; DKFZp761O2023; KIAA1400; MGC133344; OL-PCDH; PCDH19; ortholog of OL-pcdh; PCDH10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PCDH10. No significant cross-reactivity or interference between human PCDH10 and analogues was observed.
Sequence Length	896
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.312 ng/ml-20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for PCDH10 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PCDH10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCDH10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PCDH10 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PCDH10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589914
NCBI GeneID	57575
NCBI Accession #	NP_065866.1
NCBI GenBank Nucleotide #	NM_020815.1
UniProt Accession #	Q9P2E7 ; Q4W5F6 ; Q96SF0

Molecular Weight	112,936 Da
NCBI Official Full Name	protocadherin-10 isoform 2
NCBI Official Synonym Full Names	protocadherin 10
NCBI Official Symbol	PCDH10
NCBI Official Synonym Symbols	PCDH19; OL-PCDH
NCBI Protein Information	protocadherin-10; ortholog of OL-pcdh
UniProt Protein Name	Protocadherin-10
UniProt Gene Name	PCDH10
UniProt Synonym Gene Names	KIAA1400
UniProt Entry Name	PCD10_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://www.aaabiotech.com/pcdh10-human-elisa-kits/protocadherin-10/113054>