

Human Protocadherin-20 (PCDH20) ELISA Kit | PCDH20 elisa kit

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CATALOG #
AAA331464

REACTIVITY
Human

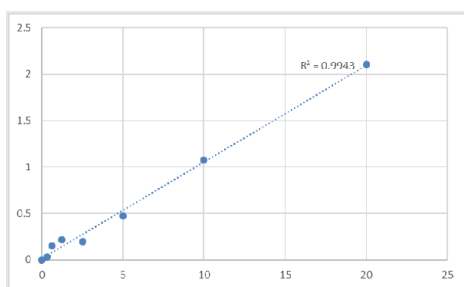
PRODUCT SYNONYMS

Protocadherin-20 (PCDH20); Human Protocadherin-20 (PCDH20) ELISA Kit; PCDH20; FLJ22218; PCDH13; OTTHUMP00000204661; protocadherin 13; PCDH20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protocadherin-20 (PCDH20) ELISA Kit has high sensitivity and excellent specificity for detection of Human PCDH20. No significant cross-reactivity or interference between Human PCDH20 and analogues was observed.
Sequence Length	951
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protocadherin-20 (PCDH20) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PCDH20 elisa kit	Description: This Human Protocadherin-20 (PCDH20) ELISA Kit employs a two-site sandwich ELISA to quantitate PCDH20 in samples. An antibody specific for PCDH20 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCDH20 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PCDH20 is added to the wells. After washing, Streptavidin 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 PCDH20 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Protocadherin-20 is a protein belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain. The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190194360
NCBI GeneID	64881
NCBI Accession #	NP_073754.2
NCBI GenBank Nucleotide #	NP_073754.2
UniProt Accession #	Q8N6Y1
NCBI Official Full Name	protocadherin-20
NCBI Official Synonym Full Names	protocadherin 20
NCBI Official Symbol	PCDH20
NCBI Official Synonym Symbols	PCDH13
NCBI Protein Information	protocadherin-20
UniProt Protein Name	Protocadherin-20
UniProt Gene Name	PCDH20
UniProt Synonym Gene Names	PCDH13
UniProt Entry Name	PCD20_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/human-elisa-kits/protocadherin-20-pcdh20/331464>