

Human Cadherin-6 ELISA Kit | CDH6 elisa kit

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CATALOG #
AAA99277

REACTIVITY
Human

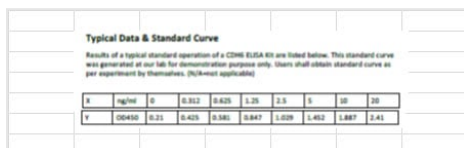
PRODUCT SYNONYMS

Cadherin-6; Human Cadherin-6 ELISA Kit; CDH6/K-Cadherin/cadherin 6; type 2; K-cadherin (fetal kidney)/cadherin; fetal kidney/cadherin-6/KCAD/K-cadherin/K-cadherin (fetal kidney); CDH6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDH6. No significant cross-reactivity or interference between CDH6 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between CDH6 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	790
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CDH6 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CDH6 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for CDH6 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CDH6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CDH6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin 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 CDH6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CDH6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826673
NCBI GeneID	1004
NCBI Accession #	NP_004923.1
NCBI GenBank Nucleotide #	NM_004932.3
Molecular Weight	73,864 Da
NCBI Official Full Name	cadherin-6 preproprotein
NCBI Official Synonym Full Names	cadherin 6
NCBI Official Symbol	CDH6
NCBI Official Synonym Symbols	CAD6; KCAD
NCBI Protein Information	cadherin-6
UniProt Protein Name	Cadherin-6
UniProt Gene Name	CDH6
UniProt Synonym Gene Names	K-cadherin
UniProt Entry Name	CADH6_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/cdh6-human-elisa-kits/cadherin-6/99277>