

Mouse Cadherin-6 (CDH6) ELISA Kit | CDH6 elisa kit

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CATALOG #
AAA246482

REACTIVITY
Mouse

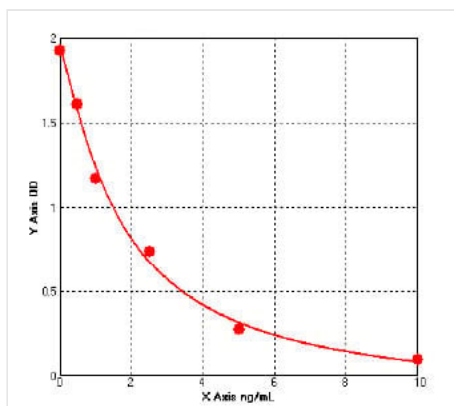
PRODUCT SYNONYMS

Cadherin-6 (CDH6); Mouse Cadherin-6 (CDH6) ELISA Kit; CDH6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 impossible for us to complete the cross-reactivity detection between CDH6 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH6 elisa kit	Principle of the Assay: CDH6 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CDH6 antibody and an CDH6-HRP conjugate. The assay sample and buffer are incubated together with CDH6-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 CDH6 concentration since CDH6 from samples and CDH6-HRP conjugate compete for the anti-CDH6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDH6 from the sample, fewer sites are left to bind CDH6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDH6 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDH6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CDH6. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CDH6 elisa kit	Signal Transduction

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, type 2, K-cadherin (fetal kidney)
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/mouse-elisa-kits/cadherin-6-cdh6/246482>