

Rat Cadherin-6 ELISA Kit | CDH6 elisa kit

Rat Cadherin-6 PicoKine ELISA Kit

CATALOG #
AAA125304

REACTIVITY
Rat

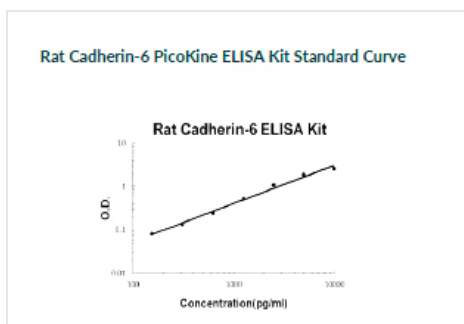
PRODUCT SYNONYMS

Cadherin-6; Rat Cadherin-6 PicoKine ELISA Kit; Rat Cadherin-6; cadherin 6; Kidney cadherin; K-cadherin; Cdh6; Kcad; CDH6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Cdh6
Sequence Length	789
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH6 elisa kit	Principle of the Assay: The Boster Picokine™ Rat Cdh6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Cdh6 with a 96-well strip plate that is pre-coated with antibody specific for Cdh6. The detection antibody is a biotinylated antibody specific for Cdh6. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Cdh6 with immunogen: Expression system for standard: NSO, Immunogen sequence: S54-A615. The kit is analytically validated with ready to use reagents. To measure Rat Cdh6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Rat Cdh6 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat Cdh6 in the sample.!!Background/Introduction: Cadherin-6 is a protein that in humans is encoded by the CDH6 gene. It is mapped to 2q16. This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	435461
NCBI GeneID	25409
UniProt Accession #	P55280
NCBI Official Full Name	K-cadherin
NCBI Official Synonym Full Names	cadherin 6
NCBI Official Symbol	Cdh6
NCBI Official Synonym Symbols	KCAD
NCBI Protein Information	cadherin-6
UniProt Protein Name	Cadherin-6
UniProt Gene Name	Cdh6
UniProt Synonym Gene Names	Kcad; K-cadherin
UniProt Entry Name	CADH6_RAT

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-rat-elisa-kits/cadherin-6/125304>