

Canine Cadherin 5 ELISA Kit | CDH5 elisa kit

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CATALOG #
AAA16736

REACTIVITY
Canine

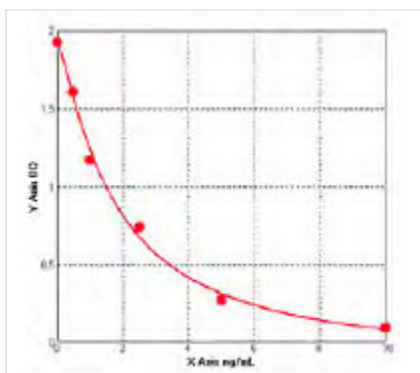
PRODUCT SYNONYMS

Cadherin 5; Canine Cadherin 5 ELISA Kit; CDH5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 CDH5 elisa kit

Intended Uses: This CDC5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCDC5L. This ELISA kit for research use only!

Principle of the Assay: CDC5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDC5L antibody and an CDC5L-HRP conjugate. The assay sample and buffer are incubated together with CDC5L-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 CDC5L concentration since CDC5L from samples and CDC5L-HRP conjugate compete for the anti-CDC5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC5L from the sample, fewer sites are left to bind CDC5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC5L concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CDH5 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362713
NCBI GeneID	1003
NCBI Accession #	NP_001786.2
NCBI GenBank Nucleotide #	NM_001795.3
Molecular Weight	74,499 Da
NCBI Official Full Name	cadherin-5 preproprotein
NCBI Official Synonym Full Names	cadherin 5, type 2 (vascular endothelium)
NCBI Official Symbol	CDH5
NCBI Official Synonym Symbols	7B4; CD144
NCBI Protein Information	cadherin-5; 7B4 antigen; VE-cadherin; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; cadherin 5, type 2, VE-cadherin (vascular epithelium)
UniProt Protein Name	Cadherin-5
UniProt Gene Name	CDH5
UniProt Synonym Gene Names	VE-cadherin
UniProt Entry Name	CADH5_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/cdh5-canine-elisa-kits/cadherin-5/16736>