

Human cadherin 5, type 2 (vascular endothelium) ELISA Kit | CDH5 elisa kit

Human Vascular Endothelial-Cadherin Complex, VE-cad ELISA Kit

CATALOG #
AAA80302

REACTIVITY
Human

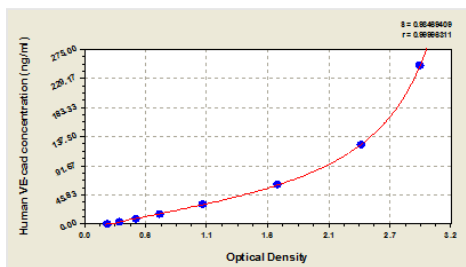
PRODUCT SYNONYMS

cadherin 5; type 2 (vascular endothelium); Human Vascular Endothelial-Cadherin Complex; VE-cad ELISA Kit; 7B4; CD144; FLJ17376; 7B4 antigen; VE-cadherin; type 2; VE-cadherin (vascular epithelium) ; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; CDH5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human VE-cad. No significant cross-reactivity or interference between human VE-cad and analogues was observed.
Sequence Length	784
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.9 ng/ml-250 ng/ml
Sensitivity	<0.98 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VE-cad has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VE-cad present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VE-cad is added to the wells. After washing, avidin 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 VE-cad bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166362713
NCBI GeneID	1003
NCBI Accession #	NP_001786.2
NCBI GenBank Nucleotide #	NM_001795.3
UniProt Accession #	P33151; Q4VAI5; Q4VAI6
Molecular Weight	87,528 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-human-elisa-kits/cadherin-5-type-2-vascular-endothelium/80302>