

Human vascular cell adhesion molecule 1 ELISA Kit | VCAM1 elisa kit

Human Vascular cell adhesion molecule 1, VCAM-1 ELISA Kit

CATALOG # AAA79515	REACTIVITY Human
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PRODUCT SYNONYMS

vascular cell adhesion molecule 1; Human Vascular cell adhesion molecule 1; VCAM-1 ELISA Kit; VCAM-1 ELISA kit; CD106; DKFZp779G2333; INCAM-100; MGC99561; CD106 antigen; VCAM-1; VCAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human VCAM-1. No significant cross-reactivity or interference between human VCAM-1 and analogues was observed.
Sequence Length	739
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	1.563 ng/ml -100 ng/ml.
Sensitivity	0.611 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.

ADDITIONAL INFORMATION

Related Product Information for VCAM1 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VCAM-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VCAM-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VCAM-1 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 VCAM-1 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 #	4507875
NCBI GeneID	7412
NCBI Accession #	NP_001069.1
NCBI GenBank Nucleotide #	NM_001078.3
UniProt Accession #	P19320 ; Q6NUP8 ; A8K6R7 ; B4DKS4 ; E9PDD1

Molecular Weight	81,276 Da
NCBI Official Full Name	vascular cell adhesion protein 1 isoform a
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	VCAM1
NCBI Official Synonym Symbols	CD106; INCAM-100
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	VCAM1
UniProt Synonym Gene Names	L1CAM; V-CAM 1; VCAM-1
UniProt Entry Name	VCAM1_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://www.aaabiotech.com/vcam1-human-elisa-kits/vascular-cell-adhesion-molecule-1/79515>