

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

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

CATALOG #
AAA79735

REACTIVITY
Mouse

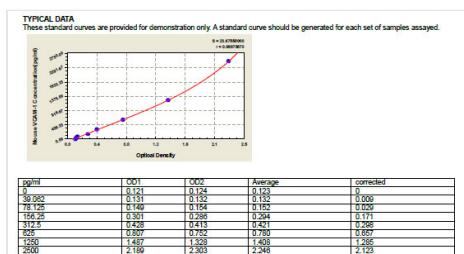
PRODUCT SYNONYMS

vascular cell adhesion molecule 1; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse VCAM-1. No significant cross-reactivity or interference between mouse VCAM-1 and analogues was observed.
Sequence Length	739
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	39 pg/ml -2500 pg/ml.
Sensitivity	The minimum detectable dose of mouse VCAM-1 is typically less than 9.75 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 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 #	170295823
NCBI GeneID	22329
NCBI Accession #	NP_035823.3
NCBI GenBank Nucleotide #	NM_011693.3
UniProt Accession #	P29533
Molecular Weight	81,317 Da
NCBI Official Full Name	vascular cell adhesion protein 1
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	Vcam1
NCBI Official Synonym Symbols	CD106; Vcam-1
NCBI Protein Information	vascular cell adhesion protein 1; V-CAM 1
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	Vcam1
UniProt Synonym Gene Names	Vcam-1; V-CAM 1; VCAM-1
UniProt Entry Name	VCAM1_MOUSE

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/vcam1-mouse-elisa-kits/vascular-cell-adhesion-molecule-1/79735>