

Mouse VCAM-1 ELISA Kit | VCAM-1/CD106 elisa kit

Mouse VCAM-1 (Vasculuar cell adhesion molecule 1) ELISA Kit

CATALOG #
AAA165695

REACTIVITY
Mouse

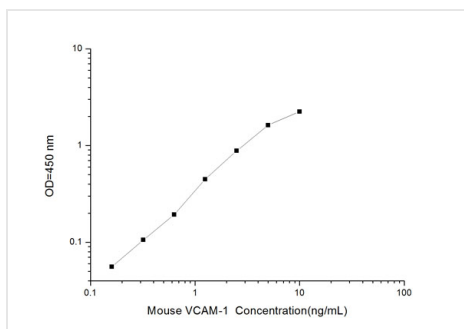
PRODUCT SYNONYMS

VCAM-1; Mouse VCAM-1 (Vasculuar cell adhesion molecule 1) ELISA Kit; VCAM-1/CD106 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse VCAM-1/CD106. No significant cross-reactivity or interference between Mouse VCAM-1/CD106 and analogues was observed.
Sequence Length	739
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VCAM-1/CD106 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse VCAM-1/CD106 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to VCAM-1/CD106. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for VCAM-1/CD106 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain VCAM-1/CD106, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of VCAM-1/CD106. You can calculate the concentration of VCAM-1/CD106 in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981700
NCBI GeneID	25361
NCBI Accession #	NP_037021.1
NCBI GenBank Nucleotide #	NM_012889.1
UniProt Accession #	P29534; Q5FVS3; Q63669
Molecular Weight	81,246 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	VCAM1B
NCBI Protein Information	vascular cell adhesion protein 1; V-CAM 1; VCAM-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_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.