

Mouse Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) ELISA Kit | MAdCAM1 elisa kit

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CATALOG # AAA136238	REACTIVITY Mouse
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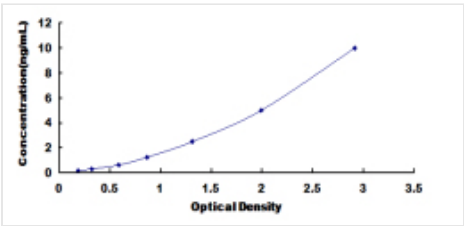
PRODUCT SYNONYMS

Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1); Mouse Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) ELISA Kit; Addressin; MAdCAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1). No significant cross-reactivity or interference between Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) and analogues was observed.
Sequence Length	382
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAdCAM1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MAdCAM1 elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633022
NCBI GeneID	8174
NCBI Accession #	NP_570116.2
NCBI GenBank Nucleotide #	NM_130760.2
UniProt Accession #	Q13477; O60222; O75867; Q5UGI7; A5PKV4; B2RPL9
Molecular Weight	21,247 Da
NCBI Official Full Name	mucosal addressin cell adhesion molecule 1 isoform a
NCBI Official Synonym Full Names	mucosal vascular addressin cell adhesion molecule 1
NCBI Official Symbol	MADCAM1
NCBI Official Synonym Symbols	MACAM1
NCBI Protein Information	mucosal addressin cell adhesion molecule 1
UniProt Protein Name	Mucosal addressin cell adhesion molecule 1
UniProt Gene Name	MADCAM1
UniProt Synonym Gene Names	MAdCAM-1; hMAdCAM-1
UniProt Entry Name	MADCA_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.