

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

Human Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) ELISA Kit

CATALOG # AAA67799	REACTIVITY Human
------------------------------	----------------------------

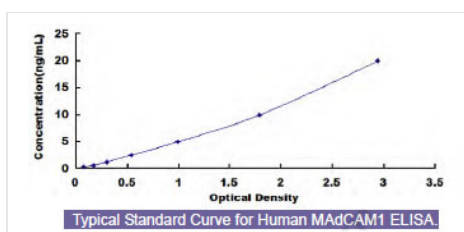
PRODUCT SYNONYMS

Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1); Human Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM1) ELISA Kit; CD206; MAdCAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAdCAM1. No significant cross-reactivity or interference between MAdCAM1 and analogues was observed.
Sequence Length	382
Samples	Serum, plasma, tissue homogenates, cell lysates, urine and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.125ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MAdCAM1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MAdCAM1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAdCAM1 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MAdCAM1 in human serum, plasma, tissue homogenates, cell lysates, urine and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAdCAM1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 MAdCAM1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mucosal-addressin-cell-adhesion-molecule-1-madcam1/67799>