

Mouse MADCAM-1 ELISA Kit | MADCAM1 elisa kit

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CATALOG # AAA261715	REACTIVITY Mouse	APPLICATIONS ELISA
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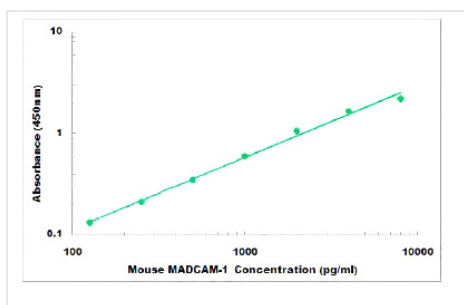
PRODUCT SYNONYMS

MADCAM-1; Mouse MADCAM-1 ELISA Kit; Mucosal addressin cell adhesion molecule 1; MAdCAM-1; hMAdCAM-1; MADCAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse MADCAM-1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse MADCAM-1 proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	405
Samples	Cell Culture Supernatants, Serum.
Sensitivity	10 pg/ml.
Applicable Applications for MADCAM1 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MADCAM1 elisa kit	Principle of the Assay The Mouse MADCAM-1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse MADCAM-1 in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Mouse MADCAM-1 coated on a 96-well plate. Standards and samples are pipetted into the wells and MADCAM-1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse MADCAM-1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of MADCAM-1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: MADCAM1 (Mucosal Vascular Addressin Cell Adhesion Molecule 1), also known as MACAM1, is a protein that is encoded by the MADCAM1 gene. By PCR-based analysis of somatic cell hybrids, Leung et al (1997) mapped the MACAM1 gene to chromosome 19. The protein encoded by this gene is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1 (alpha4/beta7), L-selectin, and VLA-4 (alpha4/beta1) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin superfamily and is similar to ICAM-1 and VCAM-1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41688576
NCBI GeneID	17123
UniProt Accession #	Q61826; O35530; Q61278; Q64275; Q8R1M6
Molecular Weight	28,357 Da
NCBI Official Full Name	Mucosal addressin cell adhesion molecule 1
NCBI Official Synonym Full Names	mucosal vascular addressin cell adhesion molecule 1
NCBI Official Symbol	Madcam1
NCBI Official Synonym Symbols	AV211525
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; mMAdCAM-1
UniProt Entry Name	MADCA_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.