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

Human Mucosal Addressin Cell Adhesion Molecule-1 (MADCAM-1) ELISA Kit

CATALOG #	REACTIVITY
AAA331903	**Human**

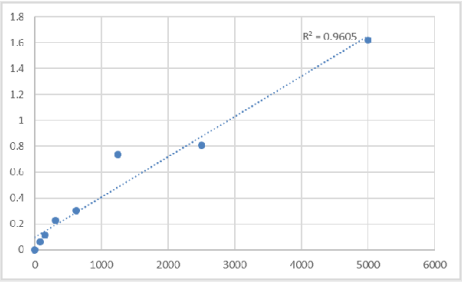
PRODUCT SYNONYMS

Mucosal Addressin Cell Adhesion Molecule-1 (MADCAM-1); Human Mucosal Addressin Cell Adhesion Molecule-1 (MADCAM-1) ELISA Kit; MADCAM1; MACAM1; mucosal addressin cell adhesion molecule-1; MADCAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mucosal addressin cell adhesion molecule-1 (MADCAM-1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MADCAM1. No significant cross-reactivity or interference between Human MADCAM1 and analogues was observed.
Sequence Length	382
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Mucosal addressin cell adhesion molecule-1 (MADCAM-1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MADCAM-1 elisa kit	Description: This Human Mucosal addressin cell adhesion molecule-1 (MADCAM-1) ELISA Kit employs a two-site sandwich ELISA to quantitate MADCAM1 in samples. An antibody specific for MADCAM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MADCAM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MADCAM1 is added to the wells. After washing, Streptavidin 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 MADCAM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Addressin is an extracellular protein of the endothelium of venules. Addressins are the ligands to the homing receptors of lymphocytes.The task of these ligands and their receptors is to determine which tissue the lymphocyte will enter next. The carry carbohydrates in order to be recognized by L-selectin. The predicted amino acid sequence defines the mucosal addressin as a novel immunoglobulin family member with 2 N-terminal domains that display strong homology to previously described vascular adhesion receptors for leukocytes: ICAM1 and VCAM1. The membrane proximal domain is homologous to the third domain of another mucosa-associated member of the immunoglobulin family, namely, IgA1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633022
NCBI GeneID	8174
NCBI Accession #	NP_570116.2
NCBI GenBank Nucleotide #	NP_570116.2
UniProt Accession #	Q13477
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.

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Online datasheet: https://www.aaabiotech.com/human-elisa-kits/mucosal-addressin-cell-adhesion-molecule-1-madcam-1/331903