

Mouse Melanoma Cell Adhesion Molecule (MCAM) CLIA Kit | MCAM clia kit

Mouse Melanoma Cell Adhesion Molecule (MCAM) CLIA Kit

CATALOG # AAA130110	REACTIVITY Mouse
-------------------------------	----------------------------

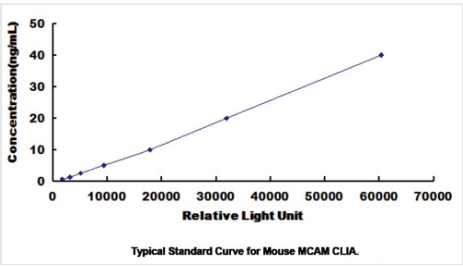
PRODUCT SYNONYMS

Melanoma Cell Adhesion Molecule (MCAM); Mouse Melanoma Cell Adhesion Molecule (MCAM) CLIA Kit; CD146; MUC18; Cell surface glycoprotein P1H12; Melanoma-associated antigen A32; S-endo 1 endothelial-associated antigen; MCAM clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Melanoma Cell Adhesion Molecule (MCAM). No significant cross-reactivity or interference between Melanoma Cell Adhesion Molecule (MCAM) and analogues was observed.
Sequence Length	646
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	54.9-40,000pg/mL
Sensitivity	22.9pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Melanoma Cell Adhesion Molecule (MCAM) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Melanoma Cell Adhesion Molecule (MCAM) 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 MCAM clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Melanoma Cell Adhesion Molecule (MCAM). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Melanoma Cell Adhesion Molecule (MCAM). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Melanoma Cell Adhesion Molecule (MCAM) level in the sample or standard.;
Product Categories/Family for MCAM clia kit	CD & Adhesion molecule; Tumor immunity; Dermatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	33989399
NCBI GeneID	4162
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	57,605 Da
NCBI Official Full Name	Melanoma cell adhesion molecule
NCBI Official Synonym Full Names	melanoma cell adhesion molecule
NCBI Official Symbol	MCAM
NCBI Official Synonym Symbols	CD146; MUC18
NCBI Protein Information	cell surface glycoprotein MUC18
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18
UniProt Entry Name	MUC18_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.