

Rat Cell Surface Glycoprotein MUC18 (MCAM) ELISA Kit | MCAM elisa kit

Rat Cell Surface Glycoprotein MUC18 (MCAM) ELISA Kit

CATALOG #
AAA121223

REACTIVITY
Rat

PRODUCT SYNONYMS

Cell Surface Glycoprotein MUC18 (MCAM); Rat Cell Surface Glycoprotein MUC18 (MCAM) ELISA Kit; MCAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	646
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.33ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCAM elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cell Surface Glycoprotein MUC18 (also known as MCAM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MCAM antibody. MCAM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MCAM Antibody is added and binds to MCAM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MCAM antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MCAM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274107
NCBI GeneID	4162
NCBI Accession #	NP_006491.2
NCBI GenBank Nucleotide #	NM_006500.2
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	57,605 Da
NCBI Official Full Name	cell surface glycoprotein MUC18
NCBI Official Synonym Full Names	melanoma cell adhesion molecule
NCBI Official Symbol	MCAM
NCBI Official Synonym Symbols	CD146; MUC18; HEMCAM; METCAM; MeICAM
NCBI Protein Information	cell surface glycoprotein MUC18
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18

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/rat-elisa-kits/cell-surface-glycoprotein-muc18-mcam/121223>