

Rat Cell surface glycoprotein MUC18 ELISA Kit | Mcam elisa kit

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CATALOG #
AAA193431

REACTIVITY
Rat

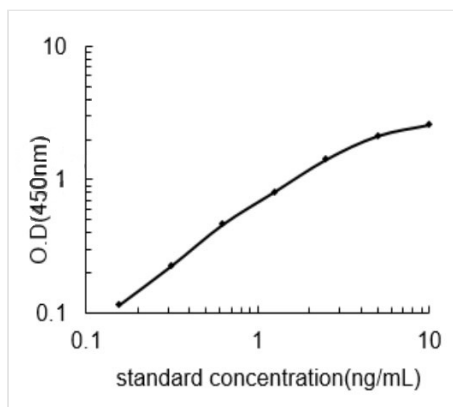
PRODUCT SYNONYMS

Cell surface glycoprotein MUC18; Rat Cell surface glycoprotein MUC18 ELISA Kit; Gicerin; Melanoma cell adhesion molecule; Melanoma-associated antigen MUC18; Mcam; Muc18; CD146; Mcam elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Cell surface glycoprotein MUC18
Sequence Length	606
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.07 ng/mL
Intra-assay Precision	<=5.1%
Inter-assay Precision	<=7.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mcam elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77176454
NCBI GeneID	78967
NCBI Accession #	NP_001029181.1
NCBI GenBank Nucleotide #	NM_001034009.1
UniProt Accession #	Q9EPF2; Q6IRH8; Q9ESS8
Molecular Weight	66,683 Da
NCBI Official Full Name	cell surface glycoprotein MUC18 isoform 2
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_RAT

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/mcam-rat-elisa-kits/cell-surface-glycoprotein-muc18/193431>