

Rat CD166 antigen ELISA Kit | Alcam elisa kit

Rat CD166 antigen ELISA Kit

CATALOG #
AAA98391

REACTIVITY
Rat

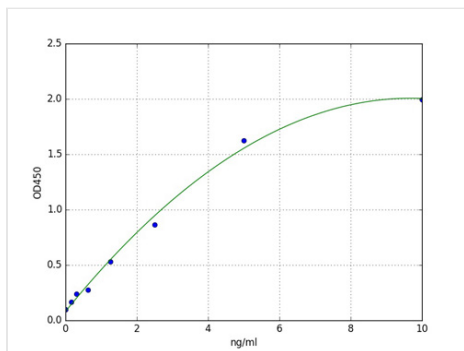
PRODUCT SYNONYMS

CD166 antigen; Rat CD166 antigen ELISA Kit; ALCAM/CD166/MEMD/activated leucocyte cell adhesion molecule/CD166 antigen; Alcam elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	133
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat ALCAM ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.077	0.137	0.164	0.276	0.465	0.816	1.446	2.063

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alcam elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ALCAM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ALCAM antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat ALCAM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ALCAM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

343168776

NCBI GeneID	214
NCBI Accession #	NP_001230212.1
NCBI GenBank Nucleotide #	NM_001243283.1
Molecular Weight	33,878 Da
NCBI Official Full Name	CD166 antigen isoform 4
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	ALCAM
NCBI Official Synonym Symbols	MEMD; CD166
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	ALCAM
UniProt Entry Name	CD166_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/alcam-rat-elisa-kits/cd166-antigen/98391>