

Rat Activated Leukocyte Cell Adhesion Molecule (ALCAM) RTU ELISA Kit | ALCAM rtu elisa kit

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CATALOG #

AAA69000

REACTIVITY

Rat

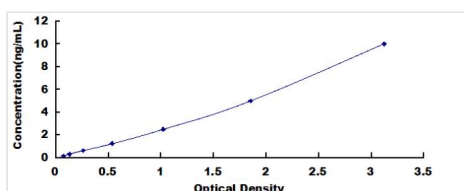
PRODUCT SYNONYMS

Activated Leukocyte Cell Adhesion Molecule (ALCAM); Rat Activated Leukocyte Cell Adhesion Molecule (ALCAM) ELISA Kit; CD166; MEMD; Activated Leucocyte Cell Adhesion Molecule; ALCAM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	583
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALCAM rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALCAM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALCAM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ALCAM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ALCAM in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929058
NCBI GeneID	79559
NCBI Accession #	NP_113941.1
NCBI GenBank Nucleotide #	NM_031753.1
UniProt Accession #	O35112; O55172
Molecular Weight	65,022 Da
NCBI Official Full Name	CD166 antigen
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	Alcam
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	Alcam

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-rtu-elisa-kits/activated-leukocyte-cell-adhesion-molecule-alcam/69000>