

Human ALCAM (Activated Leukocyte Cell Adhesion Molecule) CLIA Kit | ALCAM clia kit

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CATALOG #
AAA170964

REACTIVITY
Human

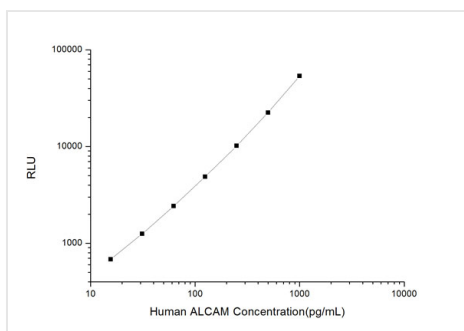
PRODUCT SYNONYMS

ALCAM (Activated Leukocyte Cell Adhesion Molecule); Human ALCAM (Activated Leukocyte Cell Adhesion Molecule) CLIA Kit; CD166; MEMD; ALCAM clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ALCAM. No significant cross-reactivity or interference between ALCAM and analogues was observed.
Sequence Length	583
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALCAM clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ALCAM concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ALCAM. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ALCAM and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ALCAM, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ALCAM. You can calculate the concentration of ALCAM in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187951595
NCBI GeneID	214
Molecular Weight	33,878 Da
NCBI Official Full Name	Activated leukocyte cell adhesion molecule
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 Synonym Gene Names	MEMD
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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/alcam-activated-leukocyte-cell-adhesion-molecule/170964>