Human Coxsackie And Adenovirus Receptor Like Membrane Protein (CLMP) ELISA Kit | CLMP elisa kit

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CATALOG #	REACTIVITY
AAA68183	**Human**

PRODUCT SYNONYMS

Coxsackie And Adenovirus Receptor Like Membrane Protein (CLMP); Human Coxsackie And Adenovirus Receptor Like Membrane Protein (CLMP) ELISA Kit; CLMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLMP. No significant cross-reactivity or interference between CLMP and analogues was observed.
Sequence Length	373
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CLMP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CLMP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLMP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CLMP in human serum, plasma, tissue homogenates, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CLMP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CLMP. 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 CLMP, 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 +/- 10nm. The concentration of CLMP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376115
NCBI GeneID	79827
NCBI Accession #	NP_079045.1
NCBI GenBank Nucleotide #	NM_024769.3
UniProt Accession #	Q9H6B4
Molecular Weight	41,281 Da
NCBI Official Full Name	CXADR-like membrane protein
NCBI Official Synonym Full Names	CXADR like membrane protein
NCBI Official Symbol	CLMP
NCBI Official Synonym Symbols	ACAM; ASAM; CSBM; CSBS
NCBI Protein Information	CXADR-like membrane protein
UniProt Protein Name	CXADR-like membrane protein
UniProt Gene Name	**CLMP**
UniProt Synonym Gene Names	ACAM; ASAM; CAR-like membrane protein

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-elisa-kits/coxsackie-and-adenovirus-receptor-like-membrane-protein-clmp/68183