

Human Coxsackie Virus And Adenovirus Receptor (CXADR) ELISA Kit | CXADR elisa kit

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CATALOG #
AAA187502

REACTIVITY
Human

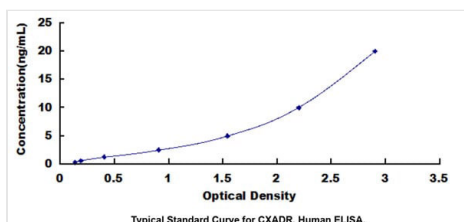
PRODUCT SYNONYMS

Coxsackie Virus And Adenovirus Receptor (CXADR); Human Coxsackie Virus And Adenovirus Receptor (CXADR) ELISA Kit; CAR; HCAR; HCVADR; CVB3-binding protein; Coxsackievirus B-adenovirus receptor; CXADR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CXADR. No significant cross-reactivity or interference between CXADR and analogues was observed.
Sequence Length	324
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CXADR 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 CXADR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXADR elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CXADR. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CXADR. 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 CXADR, 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 CXADR in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CXADR in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14714775
NCBI GeneID	1525
UniProt Accession #	P78310; O00694; Q8WWT6; Q8WWT7; Q8WWT8; Q9UKV4; B2R8V8; B7WPI3; D3YHP0
Molecular Weight	35,570 Da
NCBI Official Full Name	Coxsackie virus and adenovirus receptor
NCBI Official Synonym Full Names	CXADR, Ig-like cell adhesion molecule
NCBI Official Symbol	CXADR
NCBI Official Synonym Symbols	CAR; HCAR; CAR4/6
NCBI Protein Information	coxsackievirus and adenovirus receptor
UniProt Protein Name	Coxsackievirus and adenovirus receptor
UniProt Gene Name	CXADR
UniProt Synonym Gene Names	CAR; CAR; hCAR

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-virus-and-adenovirus-receptor-cxadr/187502>