Human Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) ELISA Kit | CRELD1 elisa kit

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CATALOG #	REACTIVITY
AAA187519	**Human**

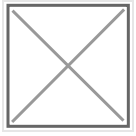
PRODUCT SYNONYMS

Cysteine Rich With EGF Like Domains Protein 1 (CRELD1); Human Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) ELISA Kit; AVSD2; CIRRIN; Atrioventricular Septal Defect 2; CRELD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cysteine Rich With EGF Like Domains Protein 1 (CRELD1). No significant cross-reactivity or interference between Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) and analogues was observed.
Sequence Length	420
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 CRELD1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cysteine Rich With EGF Like Domains Protein 1 (CRELD1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cysteine Rich With EGF Like Domains Protein 1 (CRELD1). 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 Cysteine Rich With EGF Like Domains Protein 1 (CRELD1), 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 Cysteine Rich With EGF Like Domains Protein 1 (CRELD1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116734855
NCBI GeneID	78987
NCBI Accession #	NP_001070883.1
NCBI GenBank Nucleotide #	NM_001077415.2
UniProt Accession #	Q96HD1; Q6I9X5; Q8NFT4; Q9Y409; A8MX90; B2RAA9
Molecular Weight	45,942 Da
NCBI Official Full Name	cysteine-rich with EGF-like domain protein 1 isoform 2
NCBI Official Synonym Full Names	cysteine rich with EGF like domains 1
NCBI Official Symbol	CRELD1
NCBI Official Synonym Symbols	AVSD2; CIRRIN
NCBI Protein Information	cysteine-rich with EGF-like domain protein 1
UniProt Protein Name	Cysteine-rich with EGF-like domain protein 1
UniProt Gene Name	**CRELD1**
UniProt Synonym Gene Names	CIRRIN

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/cysteine-rich-with-egf-like-domains-protein-1-creld1/187519