Human Fc Fragment Of IgA Receptor (FcaR) ELISA Kit | FcaR elisa kit

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CATALOG #	REACTIVITY
AAA140294	**Human**

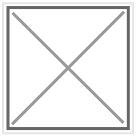
PRODUCT SYNONYMS

Fc Fragment Of IgA Receptor (FcaR); Human Fc Fragment Of IgA Receptor (FcaR) ELISA Kit; CD89; FcaRI; Receptor I For The Fc Region Of Immunoglobulin A; IgA Fc receptor; Immunoglobulin alpha Fc receptor; FcaR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fc Fragment Of IgA Receptor (FcaR). No significant cross-reactivity or interference between Fc Fragment Of IgA Receptor (FcaR) and analogues was observed.
Sequence Length	253
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.37ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fc Fragment Of IgA Receptor (FcaR) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fc Fragment Of IgA Receptor (FcaR) 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 FcaR 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 Fc Fragment Of IgA Receptor (FcaR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fc Fragment Of IgA Receptor (FcaR). 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 Fc Fragment Of IgA Receptor (FcaR), 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 Fc Fragment Of IgA Receptor (FcaR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FcaR elisa kit	Signal transduction; CD & Adhesion molecule; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	119592713
NCBI GeneID	2204
UniProt Accession #	P24071; Q13603; Q13604; Q15727; Q15728; Q1AJL7; Q1AJL8; Q1AJL9; Q53X38; Q53X39; Q92587; Q92588
Molecular Weight	28,343 Da
NCBI Official Full Name	Fc fragment of IgA, receptor for, isoform CRA_f
NCBI Official Synonym Full Names	Fc fragment of IgA receptor
NCBI Official Symbol	FCAR
NCBI Official Synonym Symbols	CD89; FcalphaRI; CTB-61M7.2
NCBI Protein Information	immunoglobulin alpha Fc receptor
UniProt Protein Name	Immunoglobulin alpha Fc receptor
UniProt Gene Name	**FCAR**
UniProt Synonym Gene Names	CD89; IgA Fc receptor
UniProt Entry Name	FCAR_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-elisa-kits/fc-fragment-of-iga-receptor-fcar/140294