

Human CD321 ELISA Kit | F11R elisa kit

Human CD321 ELISA Kit

CATALOG # AAA261675	REACTIVITY Human	APPLICATIONS ELISA
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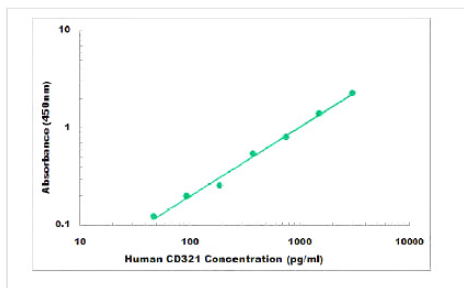
PRODUCT SYNONYMS

CD321; Human CD321 ELISA Kit; JAM1; JCAM; Junctional adhesion molecule A; JAM-A; Junctional adhesion molecule 1; JAM-1; Platelet F11 receptor; Platelet adhesion molecule 1; PAM-1; F11R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD321 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD321 proteins within the range of 46.9 pg/ml - 3000 pg/ml.
Sequence Length	299
Samples	Cell Culture Supernatants, Serum.
Sensitivity	10 pg/ml.
Applicable Applications for F11R elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F11R elisa kit	Principle of the Assay The Human CD321 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD321 in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Human CD321 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD321 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD321 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD321 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Junctional adhesion molecule A (JAM-A) is a protein that in humans is encoded by the F11R gene. It is mapped to 1q23.3. This gene is an immunoglobulin-like molecule that colocalizes with tight junctions in endothelium and epithelium and is also found on blood leukocytes and platelets. JAM-A plays an important role in the regulation of tight junction assembly in epithelia. In addition, it can act as a receptor for reovirus, a ligand for the integrin LFA1, involved in leukocyte transmigration, and a platelet receptor. JAM-A has a nonredundant role in controlling DC motility, trafficking to lymph nodes, and activation of specific immunity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10720061
NCBI GeneID	50848
UniProt Accession #	Q9Y624; B7Z941
Molecular Weight	27,208 Da
NCBI Official Full Name	Junctional adhesion molecule A
NCBI Official Synonym Full Names	F11 receptor
NCBI Official Symbol	F11R
NCBI Official Synonym Symbols	JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1
NCBI Protein Information	junctional adhesion molecule A
UniProt Protein Name	Junctional adhesion molecule A
UniProt Gene Name	F11R
UniProt Synonym Gene Names	JAM1; JCAM; JAM-A; JAM-1; PAM-1
UniProt Entry Name	JAM1_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/f11r-human-elisa-kits/cd321/261675>