

Human JAM-A ELISA Kit | F11R elisa kit

Human JAM-A PicoKine ELISA Kit

CATALOG #
AAA45876

REACTIVITY
Human

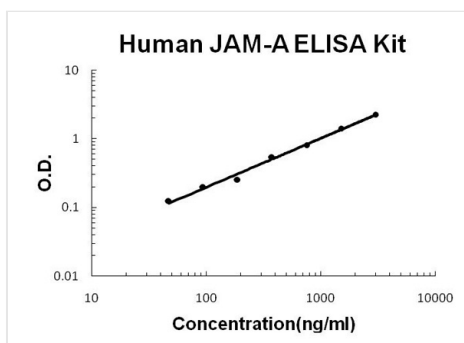
PRODUCT SYNONYMS

JAM-A; Human JAM-A PicoKine ELISA Kit; Junctional adhesion molecule A; F11 receptor; CD 321; CD321; CD321 antigen; ESTM33; F11R; JAM 1; JAM A; JAM; JAM-1; JAM1; JAM1_HUMAN; JAMA; JCAM; Jcam1; Junction adhesion molecule 1; Junction adhesion molecule; mouse; homolog of; Junctional adhesion molecule 1; KAT; Ly106; PAM 1; PAM-1; PAM1; Platelet adhesion molecule 1; Platelet adhesion molecule; Platelet F11 receptor; PRO301; UNQ264; UNQ264/PRO301; F11R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human JAM-A
Sequence Length	299
Samples	Cell culture supernates and serum
Assay Type	Sandwich
Detection Range	46.9pg/ml-3000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human JAM-A PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for F11R elisa kit	Principle of the assay: human JAM-A ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for JAM-A has been precoated onto 96-well plates. Standards(E.coli, S28-V238) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for JAM-A is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human JAM-A amount of sample captured in plate. Background: 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; platelet F11 receptor; platelet adhesion molecule 1; junctional adhesion molecule 1
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/jam-a/45876>