

Datasheet for ABIN6719688 **F11R ELISA Kit**



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Overview

Quantity:	1 kit
Target:	F11R
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	46.9 pg/mL - 3000 pg/mL
Minimum Detection Limit:	46.9 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD 321, CD321, CD321 antigen, ESTM33, F11 receptor, F11R, JAM 1, JAM A, JAM, JAM-1, JAM-A, JAM1, JAM1_HUMAN, JAMA, JCAM, Jcam1, Junction adhesion molecule 1, Junction adhesion molecule mouse homolog of, Junctional adhesion molecule 1, Junctional adhesion molecule A, KAT, Ly106, PAM 1, PAM-1, PAM1, Platelet adhesion molecule 1, Platelet adhesion molecule, Platelet F11 receptor, PRO301, UNQ264, UNQ264/PRO301</p> <p>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</p>

Product Details

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.

Gene Name: F11R

Production: Natural and recombinant human JAM-A. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: S28-V238

Target Details

Target: F11R

Alternative Name: JAM-A ([F11R Products](#))

Gene ID: 50848

NCBI Accession: [NP_058642](#)

UniProt: [Q9Y624](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 3000pg/mL, 1500pg/mL, 750pg/mL, 419.pg/mL, 187.5pg/mL, 93.8pg/mL, 46.9pg/mL human JAM-A standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernatants or serum to each empty well. We recommend that each human JAM-A standard solution and each sample is measured in duplicate.

ELISA Dilution: 46.9pg/mL-3000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: RT,4 °C,-20 °C

Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.