

## 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:	Human JAM-A Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant human JAM-A. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 10 pg/mL
Components:	<ul style="list-style-type: none"><li>• Antibody-coated 96-well plate</li><li>• Target Protein Standard</li><li>• Detection antibody</li></ul>

## Product Details

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- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

## Target Details

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Target: F11R

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

Background: 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

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.

Gene ID: 50848

NCBI Accession: [NP\\_058642](#)

UniProt: [Q9Y624](#)

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

## Application Details

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Application Notes: ELISA\_Dilution: 46.9pg/mL-3000pg/mL

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

## Application Details

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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.

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

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Sample Volume: 100  $\mu$ L

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Plate: Pre-coated

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C, -20 °C

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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.

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Expiry Date: 12 months