

Human Junctional Adhesion Molecule 2 (JAM2) ELISA Kit | JAM2 elisa kit

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CATALOG # AAA129698	REACTIVITY Human
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PRODUCT SYNONYMS

Junctional Adhesion Molecule 2 (JAM2); Human Junctional Adhesion Molecule 2 (JAM2) ELISA Kit; CD322; JAM-B; JAMB; VE-JAM; VEJAM; Junctional adhesion molecule B; Vascular endothelial junction-associated molecule; JAM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of JAM2. No significant cross-reactivity or interference between JAM2 and analogues was observed.
Sequence Length	298
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 12.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level JAM2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level JAM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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.

ADDITIONAL INFORMATION

Related Product Information for JAM2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to JAM2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to JAM2. 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 JAM2, 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 JAM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of JAM2 in human serum, plasma, tissue homogenates and other biological fluids.
Product Categories/Family for JAM2 elisa kit	CD & Adhesion molecule; Enzyme & Kinase; Tumor immunity; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	12278529
NCBI GeneID	58494
UniProt Accession #	P57087; Q6UXG6; Q6YNC1; B2R6T9; B4DGT9
Molecular Weight	34,554 Da
NCBI Official Full Name	junctional adhesion molecule 2
NCBI Official Synonym Full Names	junctional adhesion molecule 2
NCBI Official Symbol	JAM2
NCBI Official Synonym Symbols	JAMB; CD322; JAM-B; VEJAM; PRO245; VE-JAM; C21orf43
NCBI Protein Information	junctional adhesion molecule B
UniProt Protein Name	Junctional adhesion molecule B
UniProt Gene Name	JAM2
UniProt Synonym Gene Names	C21orf43; VEJAM; JAM-B; JAM-2; VE-JAM
UniProt Entry Name	JAM2_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://www.aaabiotech.com/human-elisa-kits/junctional-adhesion-molecule-2-jam2/129698>