

Human JAM-C ELISA Kit | JAM-C elisa kit

Human JAM-C PicoKine ELISA Kit

CATALOG #
AAA125072

REACTIVITY
Human

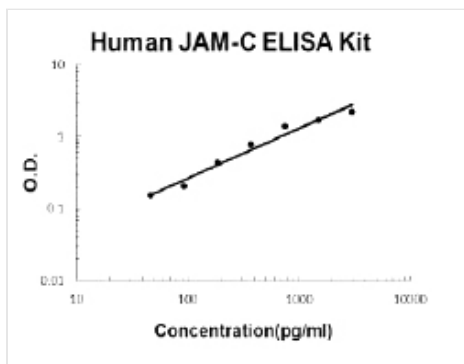
PRODUCT SYNONYMS

JAM-C; Human JAM-C PicoKine ELISA Kit; Human JAM-C; JAM-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human JAM2
Sequence Length	259
Samples	Cell Culture Supernates, Serum And Plasma(Heparin, Edta)
Detection Range	15.6pg/ml-1000pg/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 accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JAM-C elisa kit	Principle of the Assay: The Picokine Human JAM2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human JAM2 with a 96-well strip plate that is pre-coated with antibody specific for JAM2. The detection antibody is a biotinylated antibody specific for JAM2. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human JAM2 with immunogen: Expression system for standard: NSO, Immunogen sequence: F29-S238. The kit is analytically validated with ready to use reagents.To measure Human JAM2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human JAM2 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human JAM2 in the sample!!Background/Introduction: Junctional adhesion molecule B is a protein that in humans is encoded by the JAM2 gene. It is mapped to 21q21.3. This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	328927057
NCBI GeneID	83700
NCBI Accession #	NP_001192258.1
NCBI GenBank Nucleotide #	NM_001205329.1
NCBI Official Full Name	junctional adhesion molecule C isoform 2
NCBI Official Synonym Full Names	junctional adhesion molecule 3
NCBI Official Symbol	JAM3
NCBI Official Synonym Symbols	JAMC; JAM-2; JAM-3; JAM-C
NCBI Protein Information	junctional adhesion molecule C

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/human-elisa-kits/jam-c/125072>