

Mouse Junctional Adhesion Molecule 3 (JAM3) ELISA Kit | Jam3 elisa kit

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CATALOG #
AAA219798

REACTIVITY
Mouse

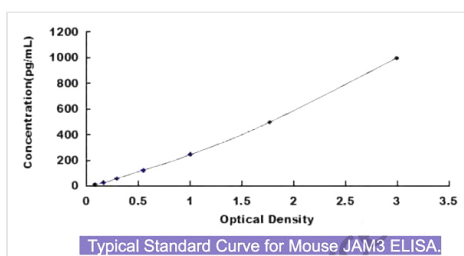
PRODUCT SYNONYMS

Junctional Adhesion Molecule 3 (JAM3); Mouse Junctional Adhesion Molecule 3 (JAM3) ELISA Kit; JAM-C; JAMC; Jam3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of JAM3. No significant cross-reactivity or interference between JAM3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma or other biological fluids
Detection Range	15.6-1000pg/mL
Sensitivity	< 5.82pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level JAM3 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 JAM3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Jam3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to JAM3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to JAM3. 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 JAM3, 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 JAM3 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 the in vitro quantitative measurement of JAM3 in mouse serum, plasma or other biological fluids.
Product Categories/Family for Jam3 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	12963613
NCBI GeneID	83964
NCBI Accession #	NP_075766.1
NCBI GenBank Nucleotide #	NM_023277.4
UniProt Accession #	Q9D8B7; Q8BT59; Q9D1M9; Q9EPK4
Molecular Weight	34,838 Da
NCBI Official Full Name	junctional adhesion molecule C
NCBI Official Synonym Full Names	junction adhesion molecule 3
NCBI Official Symbol	Jam3
NCBI Official Synonym Symbols	JAM-3; JAM-C; Jcam3; 1110002N23Rik
NCBI Protein Information	junctional adhesion molecule C; junction cell adhesion molecule 3; junction cell adhesion molecule C; junctional adhesion molecule 3
UniProt Protein Name	Junctional adhesion molecule C
UniProt Gene Name	Jam3
UniProt Synonym Gene Names	JAM-C; JAM-3
UniProt Entry Name	JAM3_MOUSE

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.