

Rat intercellular adhesion molecule 4, ICAM-4 ELISA Kit | ICAM-4 elisa kit

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CATALOG #
AAA121248

REACTIVITY
Rat

PRODUCT SYNONYMS

intercellular adhesion molecule 4; ICAM-4; Rat intercellular adhesion molecule 4; ICAM-4 ELISA Kit; ICAM-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	271
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM-4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Intercellular Adhesion Molecule 4 (also known as ICAM-4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ICAM-4 antibody. ICAM-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ICAM-4 Antibody is added and binds to ICAM-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ICAM-4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ICAM-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504561
NCBI GeneID	3386
NCBI Accession #	NP_001535.1
NCBI GenBank Nucleotide #	NM_001544.5
UniProt Accession #	Q14773; Q14771; Q14772; Q16375; Q9BWR0; A0M8X2
Molecular Weight	25,931 Da
NCBI Official Full Name	intercellular adhesion molecule 4 isoform 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)
NCBI Official Symbol	ICAM4
NCBI Official Synonym Symbols	LW; CD242
NCBI Protein Information	intercellular adhesion molecule 4
UniProt Protein Name	Intercellular adhesion molecule 4
UniProt Gene Name	ICAM4
UniProt Synonym Gene Names	LW; ICAM-4; LW blood group protein

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/rat-elisa-kits/intercellular-adhesion-molecule-4-icam-4/121248>