

Porcine intercellular adhesion molecule 1, ICAM-1 ELISA Kit | ICAM-1 elisa kit

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CATALOG #
AAA41521

REACTIVITY
Porcine

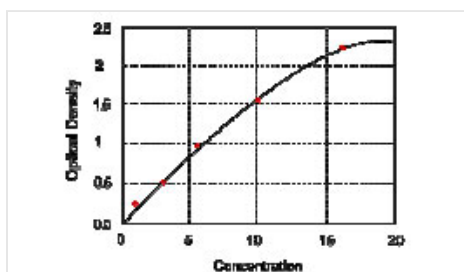
PRODUCT SYNONYMS

intercellular adhesion molecule 1; ICAM-1; Porcine intercellular adhesion molecule 1; ICAM-1 ELISA Kit; ICAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	532
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 7000ng/L
Sensitivity	9.36ng/L
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Intercellular Adhesion Molecule 1 (also known as ICAM-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine ICAM-1 antibody. ICAM-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine ICAM-1 Antibody is added and binds to ICAM-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ICAM-1 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 Porcine ICAM-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1

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/porcine-elisa-kits/intercellular-adhesion-molecule-1-icam-1/41521>