

Pig intercellular adhesion molecule 2 ELISA Kit | ICAM-2 elisa kit

Pig intercellular adhesion molecule 2 (ICAM-2) ELISA Kit

CATALOG # AAA55496	REACTIVITY Pig
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PRODUCT SYNONYMS

intercellular adhesion molecule 2; Pig intercellular adhesion molecule 2 (ICAM-2) ELISA Kit; ICAM-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig ICAM-2. No significant cross-reactivity or interference between Pig ICAM-2 and analogues was observed.
Sequence Length	275
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/mL - 200 ng/mL
Sensitivity	1.04 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ICAM-2 elisa kit	Intended Uses: For the quantitative detection of Pig Intercellular adhesion molecule 2 (ICAM-2) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ICAM-2 in Pig serum, plasma. An antibody specific for ICAM-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ICAM-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ICAM-2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ICAM-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153082722
NCBI GeneID	3384
NCBI Accession #	NP_001093259.1
NCBI GenBank Nucleotide #	NM_001099789.1
Molecular Weight	30,654 Da

NCBI Official Full Name	intercellular adhesion molecule 2
NCBI Official Synonym Full Names	intercellular adhesion molecule 2
NCBI Official Symbol	ICAM2
NCBI Official Synonym Symbols	CD102
NCBI Protein Information	intercellular adhesion molecule 2; ICAM-2
UniProt Protein Name	Intercellular adhesion molecule 2
UniProt Gene Name	ICAM2
UniProt Synonym Gene Names	ICAM-2
UniProt Entry Name	ICAM2_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/icam-2-pig-elisa-kits/intercellular-adhesion-molecule-2/55496>