

Rat intercellular adhesion molecule 1 ELISA Kit | ICAM1 elisa kit

Rat intercellular adhesion molecule 1, ICAM-1 ELISA Kit

CATALOG #
AAA79486

REACTIVITY
Rat

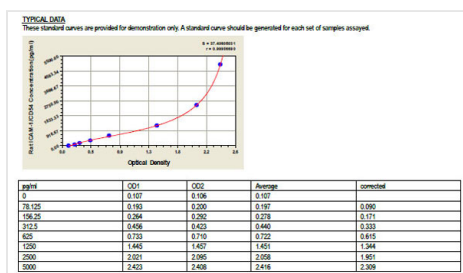
PRODUCT SYNONYMS

intercellular adhesion molecule 1; Rat intercellular adhesion molecule 1; ICAM-1 ELISA Kit; BB2; CD54; P3.58; cell surface glycoprotein P3.58; human rhinovirus receptor; intercellular adhesion molecule 1 (CD54); ICAM-1; ICAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ICAM-1. No significant cross-reactivity or interference between rat ICAM-1 and analogues was observed.
Sequence Length	545
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	78.125 pg/ml-5000 pg/ml
Sensitivity	< 24.321 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ICAM-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ICAM-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ICAM-1 is added to the wells. After washing, avidin 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-1 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 #	6981068
NCBI GeneID	25464
NCBI Accession #	NP_037099.1
NCBI GenBank Nucleotide #	NM_012967.1
UniProt Accession #	Q00238
Molecular Weight	60,142 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	CD54; ICAM
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	Icam1
UniProt Synonym Gene Names	Icam-1; ICAM-1
UniProt Entry Name	ICAM1_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/icam1-rat-elisa-kits/intercellular-adhesion-molecule-1/79486>