

Rat Intercellular Adhesion Molecule-1 ELISA Kit | ICAM-1 elisa kit

Rat Intercellular Adhesion Molecule-1 ELISA Kit

CATALOG #
AAA98089

REACTIVITY
Rat

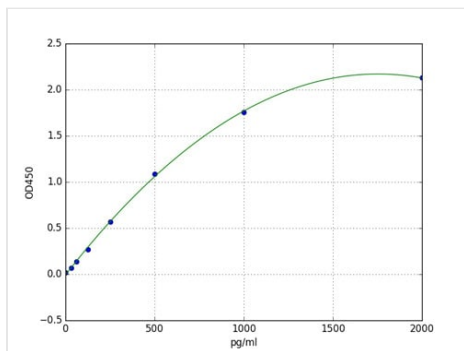
PRODUCT SYNONYMS

Intercellular Adhesion Molecule-1; Rat Intercellular Adhesion Molecule-1 ELISA Kit; ICAM-1/CD54/BB2/CD54/CD54 antigen/cell surface glycoprotein P3.58/human rhinovirus receptor/ICAM-1/intercellular adhesion molecule 1/intercellular adhesion molecule 1 (CD54); human rhinovirus receptor/Major group rhinovirus receptor/P3.58; ICAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	532
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat ICAM-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.122	0.199	0.199	0.294	0.373	0.599	1.005	1.665

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM-1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ICAM-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ICAM-1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat ICAM-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ICAM-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
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
UniProt Entry Name	ICAM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/icam-1-rat-elisa-kits/intercellular-adhesion-molecule-1/98089>