

Mouse VCAM-1 ELISA Kit | VCAM-1 elisa kit

VCAM-1 (Mouse) ELISA

CATALOG #
AAA72630

REACTIVITY
Mouse

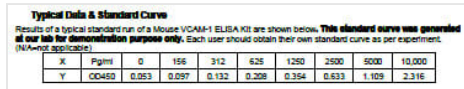
PRODUCT SYNONYMS

VCAM-1; VCAM-1 (Mouse) ELISA; VCAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	739
Samples	Human Serum, Plasma, Body Fluids, Tissue Lysates Or Cell Culture Supernates
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<4pg/ml
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VCAM-1 elisa kit

Intended Uses: For detection of uPAR in human serum, plasma, body fluids, tissue lysates or cell culture supernates. For research use only.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-uPAR polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-uPAR polyclonal 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. Avidin-Biotin-Peroxidase Complex 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 uPAR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of uPAR can be calculated!!
Background/Introduction: The Urokinase receptor, also known as uPA receptor or uPAR or CD87 (Cluster of Differentiation 87), is multidomain glycoprotein tethered to the cell membrane with a glycosylphosphatidylinositol (GPI) anchor. uPAR was originally identified as a saturable binding site for urokinase on the cell surface. It consists of three different domains of the Ly-6/uPAR/ alpha-neurotoxin family. All three domains are necessary for high affinity binding of the primary ligand, urokinase. uPAR is a part of the plasminogen activation system, which in the healthy body is involved in tissue reorganization events such as mammary gland involution and wound healing. It is a key molecule in the regulation of cell-surface plasminogen activation, and plays an important role in many normal as well as pathologic processes.

Product Categories/Family for VCAM-1 elisa kit

Cardiovascular; Immunology; Cytokines & Cell Signalling; Oncology; Research Assays; Assay Categories

NCBI AND UNIPROT INFORMATION

NCBI GI #	137560
NCBI GeneID	7412
Molecular Weight	74,346 Da
NCBI Official Full Name	Vascular cell adhesion protein 1
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	VCAM1
NCBI Official Synonym Symbols	CD106; INCAM-100
NCBI Protein Information	vascular cell adhesion protein 1; CD106 antigen
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	VCAM1
UniProt Synonym Gene Names	L1CAM; V-CAM 1; VCAM-1
UniProt Entry Name	VCAM1_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://www.aaabiotech.com/mouse-elisa-kits/vcam-1/72630>