

Human Vascular cell adhesion molecule 1, VCAM-1 ELISA Kit | VCAM-1 elisa kit

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CATALOG #
AAA43247

REACTIVITY
Human

PRODUCT SYNONYMS

Vascular cell adhesion molecule 1; VCAM-1; Human Vascular cell adhesion molecule 1; VCAM-1 ELISA Kit; VCAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	739
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.093ng/ml
Intra-Assay	CV<8%
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 VCAM-1 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981700
NCBI GeneID	25361
NCBI Accession #	NP_037021.1
NCBI GenBank Nucleotide #	NM_012889.1
UniProt Accession #	P29534; Q5FVS3; Q63669
Molecular Weight	81,246 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	VCAM1B
NCBI Protein Information	vascular cell adhesion protein 1
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	Vcam1
UniProt Synonym Gene Names	Vcam-1; V-CAM 1; VCAM-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/human-elisa-kits/vascular-cell-adhesion-molecule-1-vcam-1/43247>