

## Human Vascular Cell Adhesion Protein 1, VCAM1 ELISA Kit | VCAM1 elisa kit

Human Vascular Cell Adhesion Protein 1, VCAM1 Primacu ELISA Kit

CATALOG #  
**AAA124195**

REACTIVITY  
**Human**

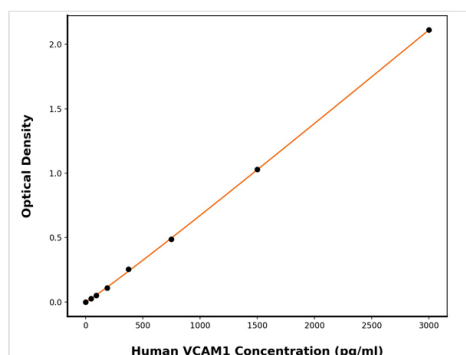
### PRODUCT SYNONYMS

Vascular Cell Adhesion Protein 1; VCAM1; Human Vascular Cell Adhesion Protein 1; VCAM1 Primacu ELISA Kit; Vascular cell adhesion protein 1; VCAM1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                        |
|-------------------------|----------------------------------------|
| Reactivity              | Human                                  |
| Assay Type              | Sandwich                               |
| Samples                 | Serum, plasma, cell culture supernates |
| Detection Range         | 46.88-3000pg/mL                        |
| Sensitivity             | 12.91pg/mL                             |
| Standard Solution       | 30ng/mL                                |
| Assay Time              | 3.5h                                   |
| Preparation and Storage | Store at 2-8 degree C                  |

### IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for VCAM1 elisa kit | Vascular cell adhesion molecule 1 (VCAM-1), also known as CD106, is a cell surface sialoglycoprotein belonging to the immunoglobulin superfamily. Two forms of VCAM-1 with either six or seven extracellular Ig-like domains are generated by alternative splicing, with the longer form predominant. VCAM-1 is an endothelial ligand for very late antigen-4 (VLA-4) and alpha4beta7 integrin expressed on leukocytes, and thus mediates leukocyte-endothelial cell adhesion and signal transduction. VCAM-1 expression is induced on endothelial cells during inflammatory bowel disease, atherosclerosis, allograft rejection, infection, and asthmatic responses. During these responses, VCAM-1 forms a scaffold for leukocyte migration. VCAM-1 also activates signals within endothelial cells resulting in the opening of an "endothelial cell gate" through which leukocytes migrate. VCAM-1 has been identified as a potential anti-inflammatory therapeutic target, the hypothesis being that reduced expression of VCAM-1 will slow the development of atherosclerosis. In addition, VCAM-1-activated signals in endothelial cells are regulated by cytokines indicating that it is important to consider both endothelial cell adhesion molecule expression and function during inflammatory processes. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy |
| Product Categories/Family for VCAM1 elisa kit   | Primacu ELISA Kit; Cancer; Cardiovascular; Signal transduction; Stem cells; Microbiology; Neuroscience; Tags & cell markers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 137560                                          |
| NCBI GeneID                      | 7412                                            |
| UniProt Accession #              | P19320; Q6NUP8; A8K6R7; B4DKS4; E9PDD1          |
| Molecular Weight                 | 739                                             |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/vascular-cell-adhesion-protein-1-vcam1/124195>