

## Mouse ICAM-1 ELISA Kit | ICAM-1 elisa kit

Mouse ICAM-1 PicoKine Quick ELISA Kit

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA128044</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

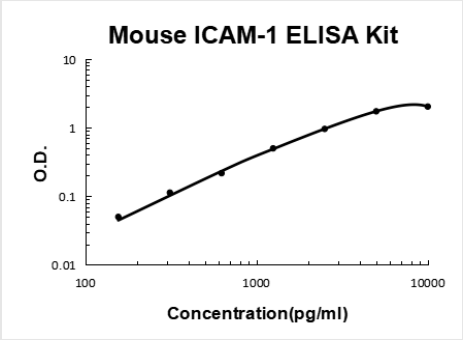
ICAM-1; Mouse ICAM-1 PicoKine Quick ELISA Kit; Intercellular adhesion molecule 1; MALA-2; MyD10; CD54; Icam1; Icam-1; ICAM-1 elisa kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                            |
| Samples                                           | cell culture supernatants, serum and plasma (heparin, EDTA)                                                                                                                                                                                                                                                                                                                                      |
| Assay Range                                       | 156pg/ml-10,000pg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity                                       | <10pg/ml                                                                                                                                                                                                                                                                                                                                                                                         |
| Capture antibody and Detection antibody           | monoclonal antibody from rat polyclonal antibody from goat                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                                         | Expression system for standard: NS0; Immunogen sequence: Q28-N485                                                                                                                                                                                                                                                                                                                                |
| Anticoagulant                                     | heparin or EDTA                                                                                                                                                                                                                                                                                                                                                                                  |
| Cross Reactivity                                  | There is no detectable cross-reactivity with other relevant proteins.                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for ICAM-1 elisa kit      | ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| Kit Components                                    | Description/Quantity<br>Pre-coated 96-well strip microplate/1<br>Standard/2 vials, 10 ng/tube<br>Biotinylated antibody (100x)/100ul<br>Avidin-Biotin-Peroxidase Complex (100x)/100ul<br>Sample Diluent/30ml<br>Antibody Diluent/12ml<br>Avidin-Biotin-Peroxidase Diluent/12ml<br>Color Developing Reagent (TMB)/10ml<br>Stop Solution/10ml<br>Wash Buffer (25x)/20ml<br>Adhesive plate sealers/4 |
| Materials Required But Not Provided               | Microplate Reader capable of reading absorbance at 450nm.<br>Incubator.<br>Automated plate washer (optional).<br>Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions.<br>Multichannel pipettes are recommended for large amount of samples.<br>Deionized or distilled water.<br>500ml graduated cylinders.<br>Test tubes for dilution.      |
| Sample Data                                       | Concentration (pg/ml)015631262512502500500010000O.D.0.0260.0760.1390.2430.5260.9861.7612.061                                                                                                                                                                                                                                                                                                     |
| Intra Assay Consistency & Inter Assay Consistency | Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean<br>(pg/ml)3541378497836114585187Standard deviation21.9462.01383.1926.2%783.1414.96CV<br>(%)6.2%4.5%6.4%7%5.7%8%                                                                                                                                                                                                          |

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproducibility         | LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample<br>135436235733435110.633%Sample 213781386135316041430101.057%Sample<br>34978475249114804486188.481.8%*number of samples for each test n=16. |
| Preparation and Storage | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)                                                 |

IMAGES



Standard Curve (Sample)  
Mouse ICAM-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ICAM-1 elisa kit | The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays. |
| Product Categories/Family for ICAM-1 elisa kit   | <a href="#">Quick ELISA Kits</a>                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | <a href="#">124099</a>                          |
| NCBI GeneID                      | <a href="#">15894</a>                           |
| UniProt Accession #              | <a href="#">P13597</a> ; <a href="#">Q61828</a> |
| Molecular Weight                 | 532                                             |
| 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; Ly-47; Icam-1; MALA-2                     |
| NCBI Protein Information         | intercellular adhesion molecule 1; myD10        |
| UniProt Protein Name             | Intercellular adhesion molecule 1               |
| UniProt Gene Name                | <b>Icam1</b>                                    |
| UniProt Synonym Gene Names       | Icam-1; ICAM-1                                  |
| UniProt Entry Name               | ICAM1_MOUSE                                     |

**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.