

## Porcine Intercellular adhesion molecule 2 ELISA Kit | ICAM-2 elisa kit

Porcine Intercellular adhesion molecule 2 ELISA Kit

CATALOG #  
**AAA92698**

REACTIVITY  
**Porcine**

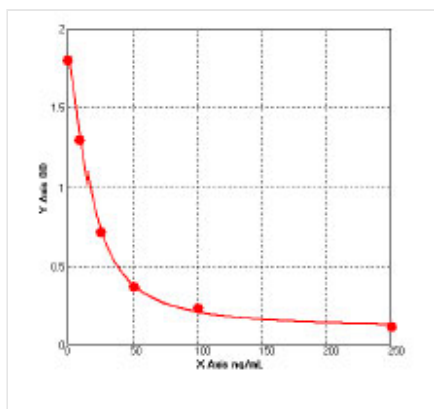
### PRODUCT SYNONYMS

Intercellular adhesion molecule 2; Porcine Intercellular adhesion molecule 2 ELISA Kit; ICAM-2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ICAM-2 elisa kit

**Intended Uses:** This ICAM-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ICAM-2. This ELISA kit for research use only!

**Principle of the Assay:** ICAM-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ICAM-2 antibody and an ICAM-2-HRP conjugate. The assay sample and buffer are incubated together with ICAM-2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ICAM-2 concentration since ICAM-2 from samples and ICAM-2-HRP conjugate compete for the anti-ICAM-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ICAM-2 from the sample, fewer sites are left to bind ICAM-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ICAM-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 153082722                                 |
| NCBI GeneID                      | 3384                                      |
| NCBI Accession #                 | NP_001093259.1                            |
| NCBI GenBank Nucleotide #        | NM_001099789.1                            |
| Molecular Weight                 | 30,654 Da                                 |
| NCBI Official Full Name          | intercellular adhesion molecule 2         |
| NCBI Official Synonym Full Names | intercellular adhesion molecule 2         |
| NCBI Official Symbol             | ICAM2                                     |
| NCBI Official Synonym Symbols    | CD102                                     |
| NCBI Protein Information         | intercellular adhesion molecule 2; ICAM-2 |
| UniProt Protein Name             | Intercellular adhesion molecule 2         |
| UniProt Gene Name                | ICAM2                                     |
| UniProt Synonym Gene Names       | ICAM-2                                    |
| UniProt Entry Name               | ICAM2_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.