

# ELISA Kit for Intercellular Adhesion Molecule 2 (ICAM2) Catalog No: tcue1629

**Available Sizes** 

**Size:** 96T

Specifications

#### **Research Area:**

CD & Adhesion molecule;Tumor immunity;Infection immunity;

**Species Reactivity:** Mus musculus (Mouse)

**Sample Type:** Serum, plasma and other biological fluids.

#### Sensitivity:

The minimum detectable dose of this kit is typically less than 0.071ng/mL

**Detection Range:** 

0.156-10ng/mL

#### Assay Time:

3h

#### **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

### **Tested Application:**

ELISA

#### SwissProt:

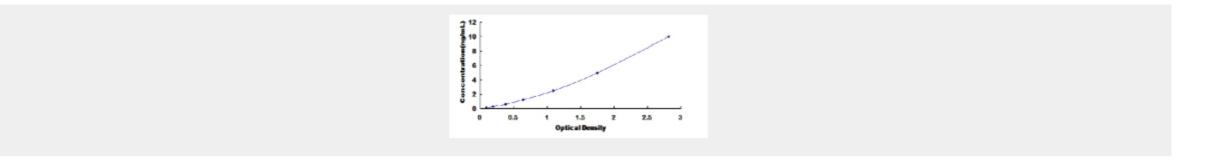
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## **Test Principle**

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated



with an antibody specific to Intercellular Adhesion Molecule 2 (ICAM2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Intercellular Adhesion Molecule 2 (ICAM2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Intercellular Adhesion Molecule 2 (ICAM2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm 10$ nm. The concentration of Intercellular Adhesion Molecule 2 (ICAM2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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