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Datasheet for ABIN6719803

## ICAM2 ELISA Kit

### 1 Image

#### Overview

Quantity:	1 kit
Target:	ICAM2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	312 pg/mL - 20000 pg/mL
Minimum Detection Limit:	312 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Intercellular adhesion molecule 2, Ly60, CD102</p> <p>Background: Intercellular adhesion molecule 2(ICAM2), also known as CD102(Cluster of Differentiation 102) is an integral membrane protein that has 2 immunoglobulin-like domains. This gene is mapped to 17q23.3. The protein encoded by this gene is a member of the intercellular adhesion molecule(ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific</p>

## Product Details

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immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Gene Name: ICAM2

Production: Natural and recombinant human ICAM-2. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: K25-Q223

## Target Details

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Target: ICAM2

Alternative Name: ICAM-2 ([ICAM2 Products](#))

Gene ID: 3384

NCBI Accession: [NP\\_000864](#)

UniProt: [P13598](#)

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 20000pg/mL, 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL human ICAM-2 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, tissue homogenates, serum or plasma( heparin, EDTA) to each empty well. It is recommended that each human ICAM-2 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 312pg/mL-20000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

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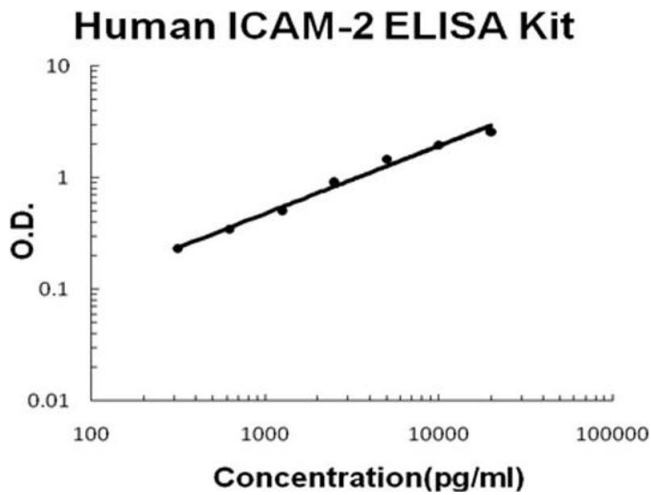
Storage: RT,4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only

## Handling

prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

## Images



### ELISA

**Image 1.** Human ICAM-2 Accusignal ELISA Kit Human ICAM-2 AccuSignal ELISA Kit standard curve. Assay Range: 312pg/ml-20000pg/ml. Sensitivity: <10pg/ml.