

## ARG81312 Human CD102 / ICAM2 (soluble) ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81312 Human CD102 / ICAM2 (soluble) ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD102 / ICAM2 (soluble) in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Recognizes both natural and recombinant Human soluble ICAM2. No cross reactivity with other Human adhesion molecules.
Target Name	CD102 / ICAM2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.2 U/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.75 - 24 U/ml
Sample Volume	100 µl
Alternate Names	CD102; CD antigen CD102; Intercellular adhesion molecule 2; ICAM-2

### Application Instructions

Assay Time ~ 2 hours

### Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

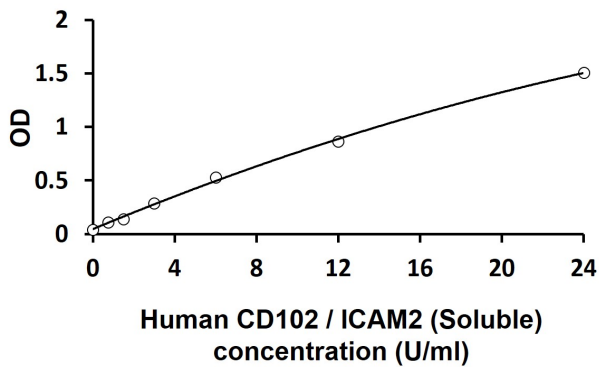
Gene Symbol	ICAM2
Gene Full Name	intercellular adhesion molecule 2
Background	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte 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 immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

**Function** ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. [UniProt]

**Highlight** Related products:  
[CD102 antibodies](#); [CD102 ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

## Images

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ARG81312 Human CD102 / ICAM2 (soluble) ELISA Kit standard curve image

ARG81312 Human CD102 / ICAM2 (soluble) ELISA Kit results of a typical standard run with optical density reading at 450 nm.