

ARG83302 Human ICAM4 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83302 Human ICAM4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ICAM4 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	ICAM4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	20 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.5% Inter-Assay CV: 5.5%
Alternate Names	ICAM4; Intercellular Adhesion Molecule 4 (Landsteiner-Wiener Blood Group); CD242; LW; Intercellular Adhesion Molecule 4 (LW Blood Group); Landsteiner-Wiener Blood Group Glycoprotein; Intercellular Adhesion Molecule 4; CD242 Antigen; Intercellular Adhesion Molecule 4, Landsteiner-Wiener Blood Group; Landsteiner-Wiener Blood Group Antigen A; Landsteiner-Wiener Blood Group; LW Blood Group Protein; Bloodgroup LW Protein; LW Antigen A; ICAM-4

Application Instructions

Assay Time	~ 5 hours
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Properties

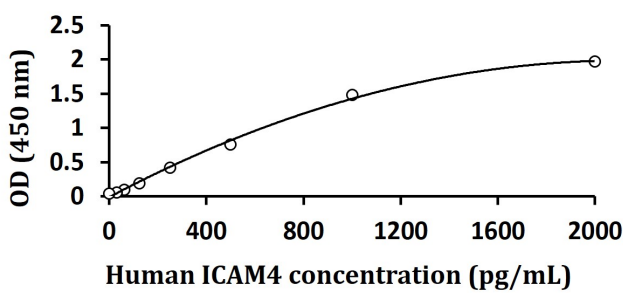
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	ICAM4
Gene Full Name	Intercellular Adhesion Molecule 4 (Landsteiner-Wiener Blood Group)
Background	This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte

	adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM4 is also a ligand for alpha-4/beta-1 and alpha-V integrins.
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell membrane, Membrane, Secreted

Images



ARG83302 Human ICAM4 ELISA Kit standard curve image

ARG83302 Human ICAM4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.