

ARG81324 Human CD50 / ICAM3 (soluble) ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81324 Human CD50 / ICAM3 (soluble) ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD50 / ICAM3 (soluble) in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Recognizes both natural and recombinant Human soluble ICAM3. No cross reactivity with other Human adhesion molecules.
Target Name	CD50 / ICAM3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.3 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.625 - 20 ng/ml
Sample Volume	100 µl
Alternate Names	CD50; CD antigen CD50; Intercellular adhesion molecule 3; ICAM-3; ICAM-R; CDw50; CDW50

Application Instructions

Assay Time	~ 2 hours
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Properties

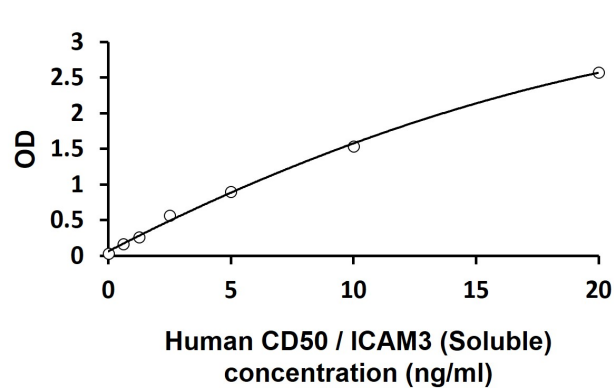
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	ICAM3
Gene Full Name	intercellular adhesion molecule 3
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 is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. [provided by RefSeq, Jul 2008]

Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM3 is also a ligand for integrin alpha-D/beta-2. [UniProt]
Highlight	Related products: CD50 antibodies ; CD50 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Upon stimulation by a physiologic stimuli becomes rapidly and transiently phosphorylated on serine residues. N-glycosylated; glycans consist of a mixture of tri- and tetra-antennary complex-type chains and high-mannose chains. [UniProt]

Images



ARG81324 Human CD50 / ICAM3 (soluble) ELISA Kit standard curve image

ARG81324 Human CD50 / ICAM3 (soluble) ELISA Kit results of a typical standard run with optical density reading at 450 nm.