

ARG83300 Human CD275 / B7-H2 / ICOS Ligand ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83300 Human CD275 / B7-H2 / ICOS Ligand ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD275 / B7-H2 / ICOS Ligand 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	CD275 / B7-H2 / ICOS Ligand
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	300 pg/ml
Detection Range	625 pg/ml - 40,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.8% Inter-Assay CV: 6.3%
Alternate Names	B7h; B7H2; GL50; B7-H2; B7RP1; CD275; ICOSL; LICOS; B7RP-1; ICOS-L; ICOS ligand

Application Instructions

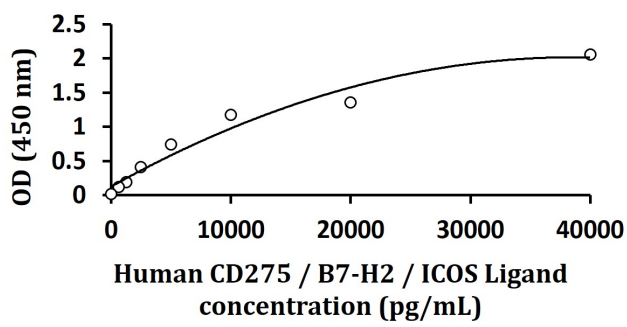
Assay Time	~ 5 hours
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Properties

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	ICOSLG
Gene Full Name	inducible T cell costimulator ligand
Function	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity). [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]



ARG83300 Human CD275 / B7-H2 / ICOS Ligand ELISA Kit standard curve image

ARG83300 Human CD275 / B7-H2 / ICOS Ligand ELISA Kit results of a typical standard run with optical density reading at 450 nm.