

ARG83240 Human CD300E ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83240 Human CD300E ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD300E 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	CD300e
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 4.5%
Alternate Names	Poly-Ig receptor 2; Immune receptor expressed on myeloid cells 2; IREM-2; CD300LE; CMRF35-A5; CD antigen CD300e; CLM2; IREM2; CMRF35-like molecule 2; PlgR2; CLM-2; Polymeric immunoglobulin receptor 2; PlgR-2; CD300 antigen-like family member E

Application Instructions

Assay Time	~ 5 hours
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Properties

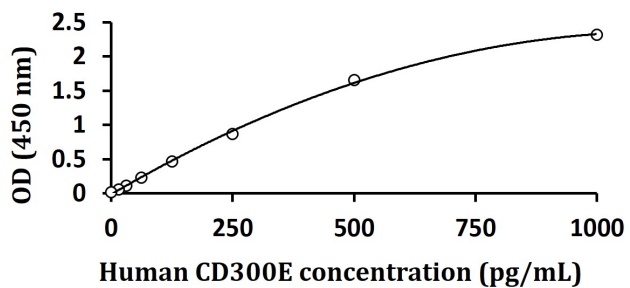
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	CD300E
Gene Full Name	CD300e molecule
Background	CD300e / IREM-2 (immune receptor expressed by myeloid cells 2), also known as CLM2 or LMIR6, is a monomeric transmembrane glycoprotein with a single extracellular immunoglobulin-like domain. Intracellularly it associates with DAP-12, an ITAM-containing adaptor molecule. CD300e is expressed on mature monocytes and peripheral blood myeloid dendritic cells. Its crosslinking leads to release of pro-inflammatory cytokines, and increased expression of activation markers.

Function	Probably acts as an activating receptor. [UniProt]
Research Area	Immune System antibody
PTM	N-glycosylated.

Images



ARG83240 Human CD300E ELISA Kit standard curve image

ARG83240 Human CD300E ELISA Kit results of a typical standard run with optical density reading at 450 nm.