

ARG83246
Human CD226 ELISA KitPackage: 96 wells
Store at: 4°C

Summary

Product Description	ARG83246 Human CD226 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD226 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	CD226
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7 pg/ml
Detection Range	93.7 pg/ml - 6,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 6.9%
Alternate Names	TLISA1; CD antigen CD226; PTA1; CD226 antigen; DNAM-1; DNAX accessory molecule 1; DNAM1

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

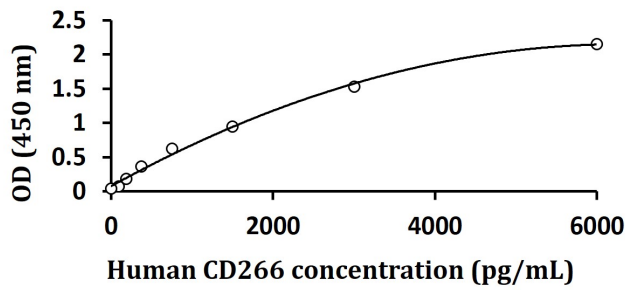
Gene Symbol	CD226
Gene Full Name	CD226 molecule
Background	This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Function	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion

mediated by cytotoxic T-lymphocyte (CTL) and NK cell (PubMed:8673704). Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIg for NECTIN2-binding (PubMed:26755705). [UniProt]

Cellular Localization

Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG83246 Human CD226 ELISA Kit standard curve image

ARG83246 Human CD226 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
