

ARG82536 Human CLEC4C / BDCA2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82536-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82536-002	Standard	2 X 10 ng/vial	4°C
ARG82536-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82536-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82536-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82536-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82536-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82536-008	25X Wash buffer	20 ml	4°C
ARG82536-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82536-010	STOP solution	10 ml (Ready to use)	4°C
ARG82536-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82536 Human CLEC4C / BDCA2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CLEC4C / BDCA2 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CLEC4C / BDCA2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.4% Inter-Assay CV: 6.7%

Alternate Names	CD antigen CD303; BDCA-2; Blood dendritic cell antigen 2; Dendritic lectin; PRO34150; DLEC; C-type lectin domain family 4 member C; CLECSF7; CD303; CLECSF11; HECL; BDCA2; C-type lectin superfamily member 7
-----------------	---

Application Instructions

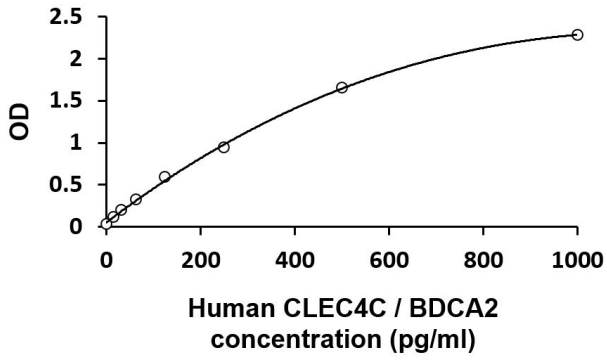
Assay Time	~ 5 hours
------------	-----------

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	CLEC4C
Gene Full Name	C-type lectin domain family 4, member C
Background	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Function	Involved in antigen-capturing. Target ligand into antigen processing and peptide-loading compartments for presentation to T-cells. May mediate potent inhibition of induction of IFN-alpha/beta expression in plasmacytoid dendritic cells. May act as a signaling receptor that activates protein-tyrosine kinases and mobilizes intracellular calcium. Does not seem to bind mannose. [UniProt]
Highlight	Related products: CLEC antibodies ; CLEC ELISA Kits ; CLEC Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cell membrane; Single-pass type II membrane protein. [UniProt]



ARG82536 Human CLEC4C / BDCA2 ELISA Kit standard curve image

ARG82536 Human CLEC4C / BDCA2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.