

## ARG82452 Human CD300f ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82452-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82452-002	Standard	2 X 10 ng/vial	4°C
ARG82452-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82452-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82452-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82452-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82452-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82452-008	25X Wash buffer	20 ml	4°C
ARG82452-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82452-010	STOP solution	10 ml (Ready to use)	4°C
ARG82452-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82452 Human CD300f ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD300f in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CD300f
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 6.2%

Alternate Names	Immune receptor expressed on myeloid cells 1; NK inhibitory receptor; NKIR; CD300 antigen-like family member F; IgSF13; CD antigen CD300f; IREM-1; IREM1; CLM1; CLM-1; CMRF35-like molecule 1; LMIR3; CD300f; Immunoglobulin superfamily member 13
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## Application Instructions

Assay Time	~ 5 hours
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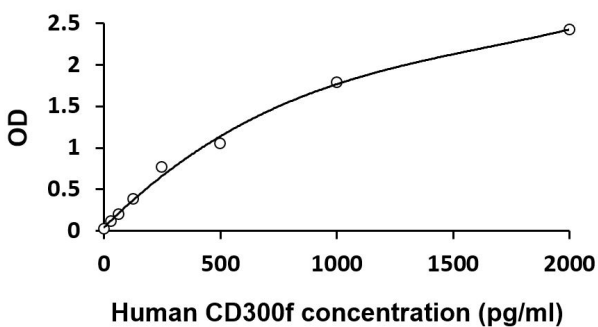
## Properties

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	CD300LF
Gene Full Name	CD300 molecule-like family member f
Background	This gene encodes a member of the CD300 protein family. Members of this family are cell surface glycoproteins with a single IgV-like extracellular domain, and are involved in the regulation of immune response. The encoded protein is an inhibitory receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Function	Acts as an inhibitory receptor for myeloid cells and mast cells. Inhibits osteoclast formation. [UniProt]
Highlight	Related products: <a href="#">CD300 antibodies</a> ; <a href="#">CD300 ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
PTM	Phosphorylated on tyrosine. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG82452 Human CD300f ELISA Kit standard curve image

ARG82452 Human CD300f ELISA Kit results of a typical standard run with optical density reading at 450 nm.