

ARG82764 Human CD85f / LILRA5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82764-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82764-002	Standard	2 X 10 ng/vial	4°C
ARG82764-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82764-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82764-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82764-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82764-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82764-008	25X Wash buffer	20 ml	4°C
ARG82764-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82764-010	STOP solution	10 ml (Ready to use)	4°C
ARG82764-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82764 Human CD85f / LILRA5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD85f / LILRA5 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CD85f / LILRA5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	47 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 7.0%

Alternate Names	LILRB7; LIR9; Leukocyte immunoglobulin-like receptor subfamily A member 5; LIR-9; CD85 antigen-like family member F; CD85; Immunoglobulin-like transcript 11; ILT11; Leukocyte immunoglobulin-like receptor 9; ILT-11; CD antigen CD85f; CD85F
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Application Instructions

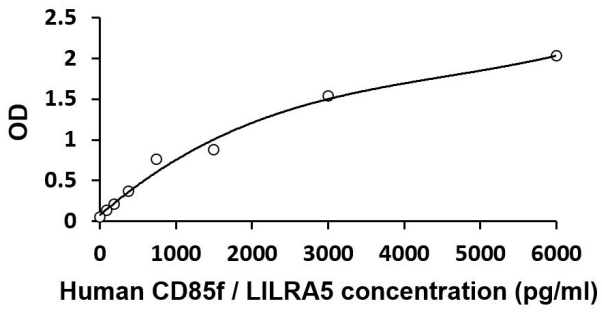
Assay Time	~ 5 hours
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Properties

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	LILRA5
Gene Full Name	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5
Background	The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]
Function	May play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition. [UniProt]
Highlight	Related products: CD85 antibodies ; CD85 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Isoform 3: Secreted. [UniProt]



ARG82764 Human CD85f / LILRA5 ELISA Kit standard curve image

ARG82764 Human CD85f / LILRA5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.