

## ARG82757 Human CD85d / ILT4 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82757-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82757-002	Standard	2 X 10 ng/vial	4°C
ARG82757-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82757-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82757-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82757-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82757-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82757-008	25X Wash buffer	20 ml	4°C
ARG82757-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82757-010	STOP solution	10 ml (Ready to use)	4°C
ARG82757-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82757 Human CD85d / ILT4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD85d / ILT4 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CD85d / ILT4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 6.1%

Alternate Names ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10

## 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

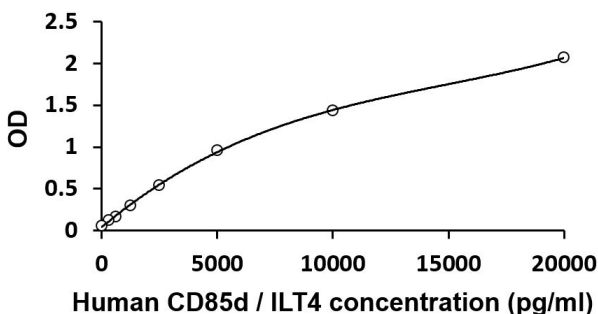
Gene Symbol LILRB2

Gene Full Name leukocyte immunoglobulin like receptor B2

Background This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Highlight Related products:  
[CD85 antibodies: CD85 ELISA Kits:](#)  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

## Images



ARG82757 Human CD85d / ILT4 ELISA Kit standard curve image

ARG82757 Human CD85d / ILT4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.