

## ARG82763 Human CD85e / LILRA3 ELISA Kit

Package: 96 wells

Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82763-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82763-002	Standard	2 X 10 ng/vial	4°C
ARG82763-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82763-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82763-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82763-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82763-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82763-008	25X Wash buffer	20 ml	4°C
ARG82763-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82763-010	STOP solution	10 ml (Ready to use)	4°C
ARG82763-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82763 Human CD85e / LILRA3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD85e / LILRA3 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CD85e / LILRA3
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: 6.1% Inter-Assay CV: 8.2%

**Alternate Names**                   ILT6; LIR-4; CD85 antigen-like family member E; ILT-6; Immunoglobulin-like transcript 6; LIR4; HM31; HM43; Monocyte inhibitory receptor HM43/HM31; CD85E; CD antigen CD85e; Leukocyte immunoglobulin-like receptor subfamily A member 3; Leukocyte immunoglobulin-like receptor 4

## Application Instructions

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**Assay Time**                         ~ 5 hours

## Properties

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**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

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**Gene Symbol**                       LILRA3

**Gene Full Name**                   leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3

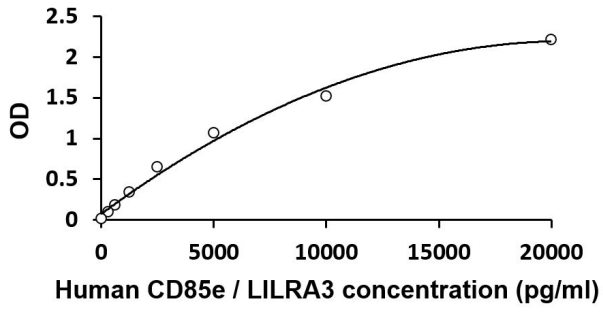
**Background**                       This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region. [provided by RefSeq, Mar 2014]

**Function**                           Acts as soluble receptor for class I MHC antigens. Binds both classical and non-classical HLA class I molecules but with reduced affinities compared to LILRB1 or LILRB2. Binds with high affinity to the surface of monocytes, leading to abolish LPS-induced TNF-alpha production by monocytes. [UniProt]

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

**PTM**                                   N-glycosylation is required for ligand binding. [UniProt]

**Cellular Localization**           Secreted. [UniProt]



ARG82763 Human CD85e / LILRA3 ELISA Kit standard curve image

ARG82763 Human CD85e / LILRA3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.