

ARG81497 Human CD258 / LIGHT ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81497-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81497-002	Standard	2 X 10 ng/vial	4°C
ARG81497-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81497-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81497-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81497-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81497-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81497-008	25X Wash buffer	20 ml	4°C
ARG81497-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81497-010	STOP solution	10 ml (Ready to use)	4°C
ARG81497-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81497 Human CD258 / LIGHT ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD258 / LIGHT in serum, plasma (heparin, EDTA), saliva and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD258 / LIGHT
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), saliva and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.0%
Alternate Names	CD258; Herpes virus entry mediator ligand; HVEM; HVEM-L; Herpesvirus entry mediator ligand; LTg; LIGHT; CD antigen CD258; TR2; Tumor necrosis factor ligand superfamily member 14

Application Instructions

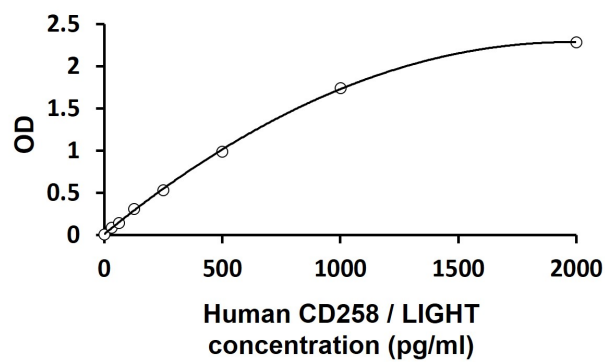
Assay Time	~ 5 hours
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Properties

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	TNFSF14
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 14
Background	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Function	Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFkB, stimulates the proliferation of T-cells, and inhibits growth of the adenocarcinoma HT-29. Acts as a receptor for Herpes simplex virus. [UniProt]
Highlight	Related products: CD258 antibodies ; CD258 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N-glycosylated. The soluble form of isoform 1 derives from the membrane form by proteolytic processing. [UniProt]



ARG81497 Human CD258 / LIGHT ELISA Kit standard curve image

ARG81497 Human CD258 / LIGHT ELISA Kit results of a typical standard run with optical density reading at 450 nm.