

ARG83447 Rat CD258 / LIGHT ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83447 Rat CD258 / LIGHT ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat CD258 / LIGHT in Serum, plasma and cell culture supernatants., Cell Lysates, Tissue Homogenates
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	CD258 / LIGHT
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	50 pg/ml
Sample Type	Serum, plasma and cell culture supernatants., Cell Lysates, Tissue Homogenates
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl
Alternate Names	CD258; Herpes virus entry mediator ligand; HVEML; HVEM-L; Herpesvirus entry mediator ligand; LTg; LIGHT; CD antigen CD258; TR2; Tumor necrosis factor ligand superfamily member 14

Application Instructions

Assay Time	3.5 hours
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Properties

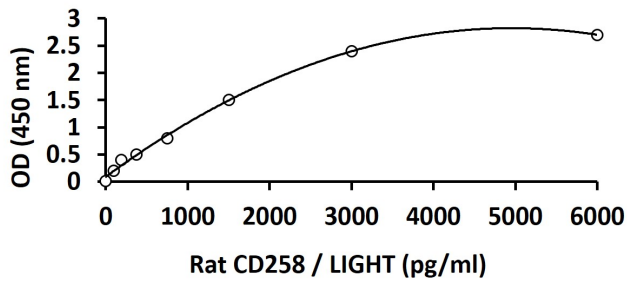
Form	96 well
Storage instruction	Store the kit at 4°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research 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]
PTM	N-glycosylated. The soluble form of isoform 1 derives from the membrane form by proteolytic processing.

Images



ARG83447 Rat CD258 / LIGHT ELISA Kit standard curve image

ARG83447 Rat CD258 / LIGHT ELISA Kit results of a typical standard run with optical density reading at 450 nm.