

ARG81856 Mouse HVEM / TR2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81856-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81856-002	Standard	2 X 10 ng/vial	4°C
ARG81856-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81856-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81856-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81856-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81856-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81856-008	25X Wash buffer	20 ml	4°C
ARG81856-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81856-010	STOP solution	10 ml (Ready to use)	4°C
ARG81856-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81856 Mouse HVEM / TR2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse HVEM / TR2 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	HVEM / TR2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.1%; Inter-Assay CV: 6.8%
Alternate Names	Herpes virus entry mediator A; HVEM; Tumor necrosis factor receptor-like 2; HVEA; CD antigen CD270; CD270; Tumor necrosis factor receptor superfamily member 14; LIGHTR; HveA; Herpesvirus entry mediator A; ATAR; TR2

Application Instructions

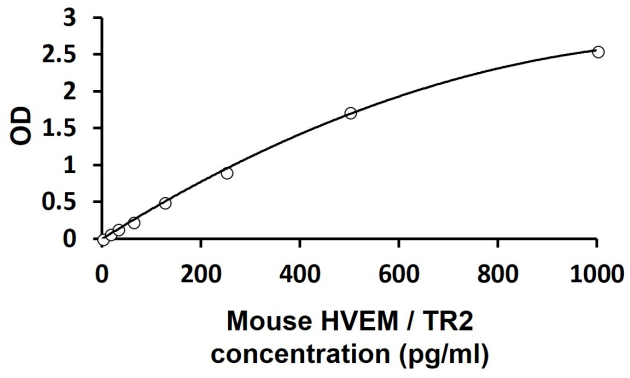
Assay Time	~ 5 hours
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Properties

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	TNFRSF14
Gene Full Name	tumor necrosis factor receptor superfamily, member 14
Background	This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Function	Receptor for BTLA. Receptor for TNFSF14/LIGHT and homotrimeric TNFSF1/lymphotoxin-alpha. Involved in lymphocyte activation. Plays an important role in HSV pathogenesis because it enhanced the entry of several wild-type HSV strains of both serotypes into CHO cells, and mediated HSV entry into activated human T-cells. [UniProt]
Highlight	Related products: HVEM antibodies ; HVEM ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N-glycosylated. [UniProt]



ARG81856 Mouse HVEM / TR2 ELISA Kit standard curve image

ARG81856 Mouse HVEM / TR2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.