

ARG82347 Mouse TECK ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82347-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82347-002	Standard	2 X 10 ng/vial	4°C
ARG82347-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82347-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82347-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82347-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82347-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82347-008	25X Wash buffer	20 ml	4°C
ARG82347-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82347-010	STOP solution	10 ml (Ready to use)	4°C
ARG82347-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82347 Mouse TECK ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse TECK in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	TECK
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.8% Inter-Assay CV: 7.2%

Alternate Names	Chemokine TECK; Ckb15; SCYA25; Thymus-expressed chemokine; Small-inducible cytokine A25; TECK; C-C motif chemokine 25
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Application Instructions

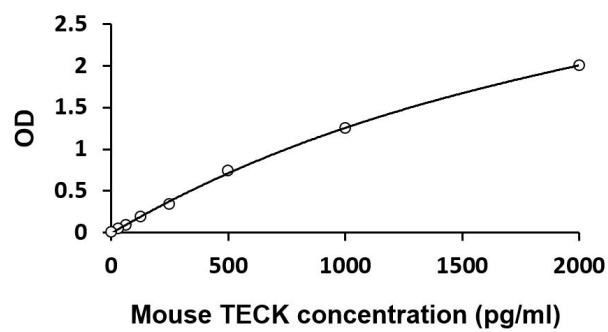
Assay Time	~ 5 hours
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Properties

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	CCL25
Gene Full Name	chemokine (C-C motif) ligand 25
Background	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]
Function	Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4. [UniProt]
Highlight	Related products: TECK antibodies ; TECK ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]



ARG82347 Mouse TECK ELISA Kit standard curve image

ARG82347 Mouse TECK ELISA Kit results of a typical standard run with optical density reading at 450 nm.