

ARG81821 Mouse TACI ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81821-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81821-002	Standard	2 X 10 ng/vial	4°C
ARG81821-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81821-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81821-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81821-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81821-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81821-008	25X Wash buffer	20 ml	4°C
ARG81821-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81821-010	STOP solution	10 ml (Ready to use)	4°C
ARG81821-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81821 Mouse TACI ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse TACI 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	TACI
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	23.45 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	46.9 - 3000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.1%; Inter-Assay CV: 7.3%
Alternate Names	Tumor necrosis factor receptor superfamily member 13B; Transmembrane activator and CAML interactor; TNFRSF14B; IGAD2; CD267; RYZN; TACI; CD antigen CD267; CVID; CVID2

Application Instructions

Assay Time	~ 5 hours
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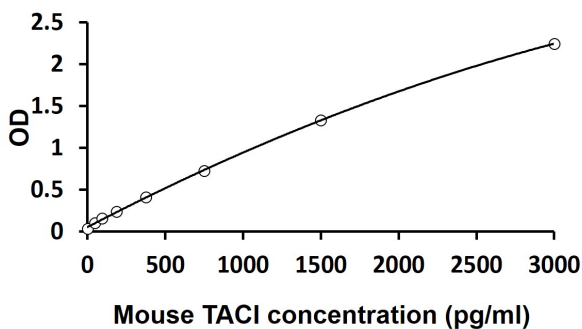
Properties

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	TNFRSF13B
Gene Full Name	tumor necrosis factor receptor superfamily, member 13B
Background	The protein encoded by this gene is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein induces activation of the transcription factors NFAT, AP1, and NF-kappa-B and plays a crucial role in humoral immunity by interacting with a TNF ligand. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. [UniProt]
Highlight	Related products: TACI antibodies ; TACI ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81821 Mouse TACI ELISA Kit standard curve image

ARG81821 Mouse TACI ELISA Kit results of a typical standard run with optical density reading at 450 nm.