

ARG81814 Mouse CD268 / BAFF R ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81814-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81814-002	Standard	2 X 10 ng/vial	4°C
ARG81814-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81814-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81814-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81814-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81814-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81814-008	25X Wash buffer	20 ml	4°C
ARG81814-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81814-010	STOP solution	10 ml (Ready to use)	4°C
ARG81814-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81814 Mouse CD268 / BAFF R ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD268 / BAFF R 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	CD268 / BAFF R
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	78 - 5000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.4%; Inter-Assay CV: 6.8%
Alternate Names	CD antigen CD268; BROMIX; BAFF-R; CD268; Tumor necrosis factor receptor superfamily member 13C; BAFF receptor; BAFFR; B-cell-activating factor receptor; prolixin; CVID4; BLyS receptor 3

Application Instructions

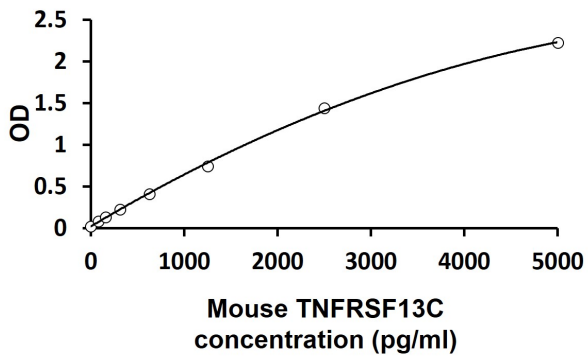
Assay Time	~ 5 hours
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Properties

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	TNFRSF13C
Gene Full Name	tumor necrosis factor receptor superfamily, member 13C
Background	B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival. [provided by RefSeq, Jul 2008]
Function	B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response. [UniProt]
Highlight	Related products: CD268 antibodies ; CD268 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81814 Mouse CD268 / BAFF R ELISA Kit standard curve image

ARG81814 Mouse CD268 / BAFF R ELISA Kit results of a typical standard run with optical density reading at 450 nm.