

ARG81698 Human BCMA ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81698-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81698-002	Standard	2 X 10 ng/vial	4°C
ARG81698-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81698-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81698-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81698-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81698-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81698-008	25X Wash buffer	20 ml	4°C
ARG81698-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81698-010	STOP solution	10 ml (Ready to use)	4°C
ARG81698-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81698 Human BCMA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human BCMA in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	BCMA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.6%; Inter-Assay CV: 6.7%
Alternate Names	BCM; BCMA; CD269; CD antigen CD269; Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; TNFRSF13A

Application Instructions

Assay Time	~ 5 hours
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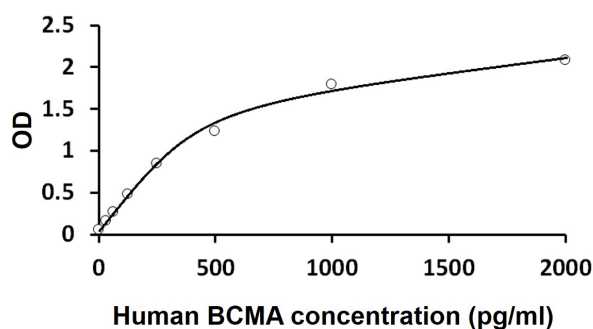
Properties

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	TNFRSF17
Gene Full Name	tumor necrosis factor receptor superfamily, member 17
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF13B/BlyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK. [UniProt]
Highlight	Related products: BCMA antibodies ; BCMA ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81698 Human BCMA ELISA Kit standard curve image

ARG81698 Human BCMA ELISA Kit results of a typical standard run with optical density reading at 450 nm.