

ARG80154 Human BAFF ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80154-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80154-002	Standard (Lyophilized)	3 X 2 ng/vial	4°C
ARG80154-003	Standard diluent buffer	20 ml	4°C
ARG80154-004	Antibody conjugate concentrate	400 µl	4°C
ARG80154-005	Antibody diluent buffer	16 ml	4°C
ARG80154-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80154-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80154-008	20X Wash buffer	50 ml	4°C
ARG80154-009	TMB substrate	12ml	4°C (Protect from light)
ARG80154-010	STOP solution	12ml	4°C
ARG80154-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80154 Human BAFF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human BAFF in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human BAFF R, OX40 ligand, TWEAK, TRANCE, VEGI, GITR ligand, TNF-alpha
Target Name	BAFF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	30 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	62.5 - 4000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	BLYS; TALL1; Dendritic cell-derived TNF-like molecule; THANK; DTL; TNF- and APOL-related leukocyte expressed ligand 1; TNFSF20; CD257; BLYS; Tumor necrosis factor ligand superfamily member 13B; ZTNF4; CD antigen CD257; B lymphocyte stimulator; TALL-1; BAFF; B-cell-activating factor

Application Instructions

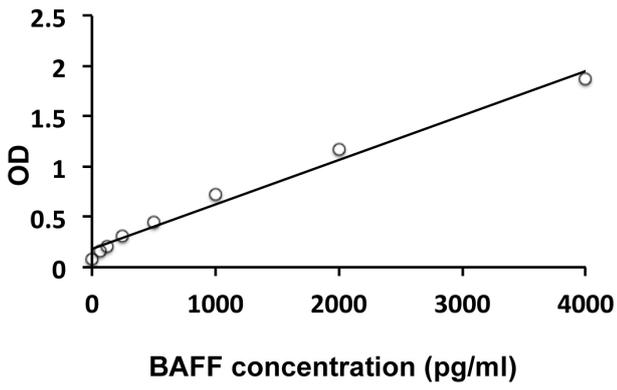
Assay Time	4 hours
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Properties

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

Database links	GeneID: 10673 Human Swiss-port # Q9Y275 Human
Gene Symbol	TNFSF13B
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 13b
Background	BAFF is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFF-R. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells.
Highlight	Related products: BAFF antibodies ; BAFF ELISA Kits ; BAFF recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Cell Biology and Cellular Response kit; Cell Death kit; Immune System kit
PTM	The soluble form derives from the membrane form by proteolytic processing. Isoform 2 is not efficiently shed from the membrane unlike isoform 1. N-glycosylated.



ARG80154 Human BAFF ELISA Kit standard curve image

ARG80154 Human BAFF ELISA Kit results of a typical standard run with optical density reading at 450 nm.