

## ARG81275 Mouse BAFF ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81275 Mouse BAFF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse BAFF in serum, plasma or cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	BAFF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	30 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
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	~ 3.5 hours
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### Properties

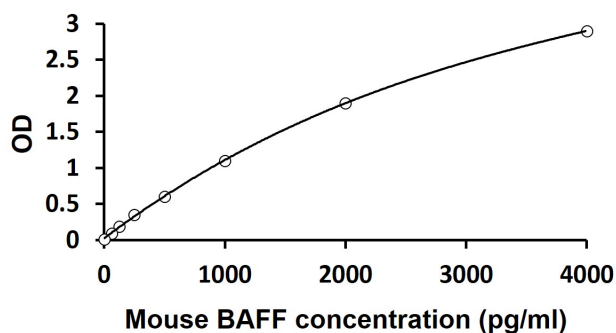
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	Tnfsf13b
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 13b
Background	The protein encoded by this gene 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/BAFFR. 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. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011]

Function	<p>Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.</p> <p>Isoform 2 seems to inhibit isoform 1 secretion and bioactivity.</p> <p>Isoform 3: Acts as a transcription factor for its own parent gene, in association with NF-kappa-B p50 subunit, at least in autoimmune and proliferative B-cell diseases. The presence of Delta4BAFF is essential for soluble BAFF release by IFNG/IFN-gamma-stimulated monocytes and for B-cell survival. It can directly or indirectly regulate the differential expression of a large number of genes involved in the innate immune response and the regulation of apoptosis. [UniProt]</p>
Highlight	<p>Related products:</p> <p><a href="#">BAFF antibodies</a>; <a href="#">BAFF ELISA Kits</a>; <a href="#">BAFF recombinant proteins</a>;</p> <p>New ELISA data calculation tool:</p> <p><a href="#">Simplify the ELISA analysis by GainData</a></p>
PTM	<p>The soluble form derives from the membrane form by proteolytic processing.</p> <p>Isoform 2 is not efficiently shed from the membrane unlike isoform 1.</p> <p>N-glycosylated.</p>

## Images



ARG81275 Mouse BAFF ELISA Kit standard curve image

ARG81275 Mouse BAFF ELISA Kit results of a typical standard run with optical density reading at 450 nm.