

Human BAFF ELISA Kit | BAFF elisa kit

BAFF Human ELISA Kit

CATALOG # AAA13486	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

BAFF; BAFF Human ELISA Kit; Human BAFF; BAFF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of. No significant crossreactivity or interference between and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, body fluids, tissue lysates or cell culture supernates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 2 pg/ml
Applicable Applications for BAFF elisa kit	ELISA
Application Notes	For quantitative detection of BAFF in serum, plasma, body fluids, tissue lysates or cell culture supernates.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C for 2 months, or at -20 degree C for 4 months.

IMAGES

Typical Data & Standard Curve Results of a typical standard run of a Human BAFF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)										
X	Pg/ml	0	62.5	125	250	500	1000	2000	4000	
Y	OD450	0.063	0.092	0.133	0.267	0.532	0.986	1.733	2.640	

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAFF elisa kit	Background: B-cell activating factor (BAFF) also known as tumor necrosis factor ligand superfamily member 13B is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It was 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.As an immunostimulant, BAFF is necessary for maintaining normal immunity. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-BAFF polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-BAFF polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the BAFF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of BAFF can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	510788204
NCBI Official Full Name	BAFF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/baff/13486>