

Human B-Cell Activating Factor ELISA Kit | BAFF elisa kit

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CATALOG #
AAA102180

REACTIVITY
Human

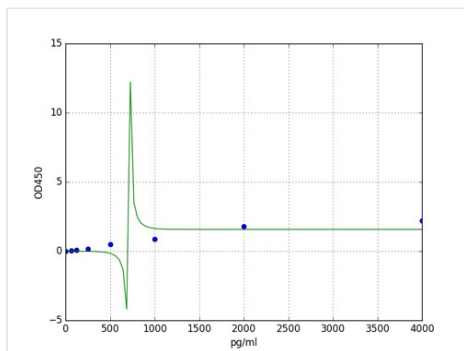
PRODUCT SYNONYMS

B-Cell Activating Factor; Human B-Cell Activating Factor ELISA Kit; BAFF/CD257/TNFSF13B/BLYS/TALL1/THANK/TNFSF20/ZTNF4; BAFF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	285
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

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	0.032	0.082	0.131	0.253	0.392	0.594	1.258	2.165

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAFF elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human BAFF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human BAFF 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. HRPStreptavidin 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 Human BAFF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4585275

NCBI GeneID	10673
Molecular Weight	17,578 Da
NCBI Official Full Name	B-cell activating factor
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 13b
NCBI Official Symbol	TNFSF13B
NCBI Official Synonym Symbols	DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNLG7A; TNFSF20
NCBI Protein Information	tumor necrosis factor ligand superfamily member 13B
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 13B
UniProt Gene Name	TNFSF13B
UniProt Synonym Gene Names	BAFF; BLYS; TALL1; TNFSF20; ZTNF4; BLYS; TALL-1
UniProt Entry Name	TN13B_HUMAN

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/baff-human-elisa-kits/b-cell-activating-factor/102180>