

Human B Cell Activation Factor (BAFF) ELISA Kit | BAFF elisa kit

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CATALOG #
AAA330425

REACTIVITY
Human

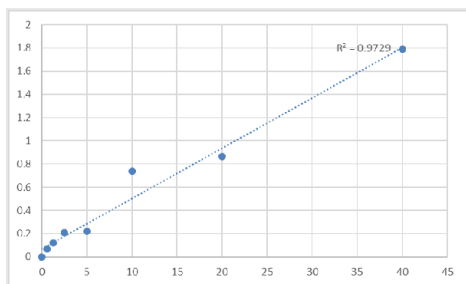
PRODUCT SYNONYMS

B Cell Activation Factor (BAFF); Human B Cell Activation Factor (BAFF) ELISA Kit; TNFSF13B; BAFF; BLYS; CD257; DTL; TALL-1; TALL1; THANK; TNFSF20; ZTNF4; ApoL related ligand TALL-1; B-cell activating factor; B-lymphocyte stimulator; TNF and ApoL-related leukocyte expressed ligand 1; TNF homolo; BAFF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human B cell activation factor (BAFF) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFSF13B. No significant cross-reactivity or interference between Human TNFSF13B and analogues was observed.
Sequence Length	266
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human B cell activation factor (BAFF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for BAFF elisa kit	Description: This Human B cell activation factor (BAFF) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF13B in samples. An antibody specific for TNFSF13B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF13B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF13B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFSF13B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: B-cell activating factor (BAFF) is the tumor necrosis factor ligand superfamily member 13B (TNFLSF13B), also known as B Lymphocyte Stimulator (BLyS) and TNF- and APOL-related leukocyte expressed ligand (TALL-1) and the Dendritic cell-derived TNF-like molecule (CD257 antigen; cluster of differentiation 257). BAFF is a 285-amino acid long peptide glycoprotein which undergoes glycosylation at residue 124. It is expressed as transmembrane protein on various cell types including monocytes, dendritic cells and bone marrow stromal cells. The transmembrane form can be cleaved from the membrane, generating a soluble protein fragment. BAFF is the natural ligand of three unusual tumor necrosis factor receptors named BAFF-R, TACI, and BCMA, all of which have differing binding affinities for it.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224548983
NCBI GeneID	10673
NCBI Accession #	NP_001139117.1
NCBI GenBank Nucleotide #	NP_001139117.1
UniProt Accession #	Q9Y275
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13B isoform 2
NCBI Official Synonym Full Names	TNF 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.