

Human B Cell Activation Factor From The Tumor Necrosis Factor Family Receptor (BAFF-R) ELISA Kit | BAFF-R elisa kit

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CATALOG #
AAA330440

REACTIVITY
Human

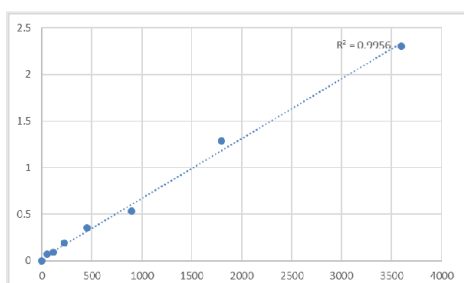
PRODUCT SYNONYMS

B Cell Activation Factor From The Tumor Necrosis Factor Family Receptor (BAFF-R); Human B Cell Activation Factor From The Tumor Necrosis Factor Family Receptor (BAFF-R) ELISA Kit; TNFRSF13C; CTA-250D10.7; BAFF-R; BAFFR; CD268; MGC138235; B cell-activating factor receptor; BAFF receptor; BAFF-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human B cell activation factor from the tumor necrosis factor family receptor (BAFF-R) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFRSF13C. No significant cross-reactivity or interference between Human TNFRSF13C and analogues was observed.
Sequence Length	184
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 from the tumor necrosis factor family receptor (BAFF-R) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for BAFF-R elisa kit	Description: This Human B cell activation factor from the tumor necrosis factor family receptor (BAFF-R) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF13C in samples. An antibody specific for TNFRSF13C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF13C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF13C 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 TNFRSF13C bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. B cell activation factor from the tumor necrosis factor family receptor (BAFF-R) is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85567349
NCBI GeneID	115650
UniProt Accession #	Q96RJ3
NCBI Official Full Name	BAFF receptor
NCBI Official Synonym Full Names	TNF receptor superfamily member 13C
NCBI Official Symbol	TNFRSF13C
NCBI Official Synonym Symbols	BAFFR; CD268; CVID4; BAFF-R; BROMIX; prolixin
NCBI Protein Information	tumor necrosis factor receptor superfamily member 13C
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 13C
UniProt Gene Name	TNFRSF13C
UniProt Synonym Gene Names	BAFFR; BR3; BAFF-R
UniProt Entry Name	TR13C_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/human-elisa-kits/b-cell-activation-factor-from-the-tumor-necrosis-factor-family-receptor-baff-r/330440>