

Canine B-Cell Activating Factor Receptor ELISA Kit | BAFFR elisa kit

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CATALOG #
AAA93289

REACTIVITY
Canine

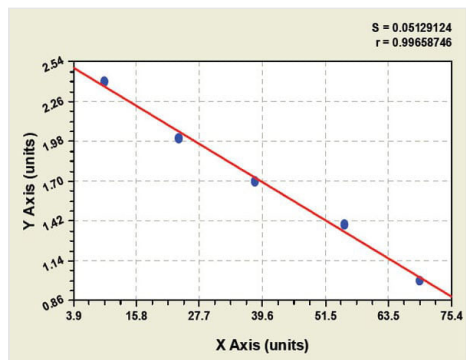
PRODUCT SYNONYMS

B-Cell Activating Factor Receptor; Canine B-Cell Activating Factor Receptor ELISA Kit; BAFFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BAFFR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BAFFR. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAFFR elisa kit

Principle of the Assay: BAFFR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BAFFR antibody and an BAFFR-HRP conjugate. The assay sample and buffer are incubated together with BAFFR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BAFFR concentration since BAFFR from samples and BAFFR-HRP conjugate compete for the anti-BAFFR antibody binding site. Since the number of sites is limited, as more sites are occupied by BAFFR from the sample, fewer sites are left to bind BAFFR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAFFR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	85567349
NCBI GeneID	115650
Molecular Weight	18,935 Da
NCBI Official Full Name	BAFF receptor
NCBI Official Synonym Full Names	tumor necrosis factor 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; BAFF receptor; BLyS receptor 3; B cell-activating factor receptor; B-cell-activating factor receptor
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/baffr-canine-elisa-kits/b-cell-activating-factor-receptor/93289>