

Human TNFRSF17/BCMA ELISA Kit | TNFRSF17 elisa kit

Human TNFRSF17/BCMA PicoKine ELISA Kit

CATALOG #
AAA45954

REACTIVITY
Human

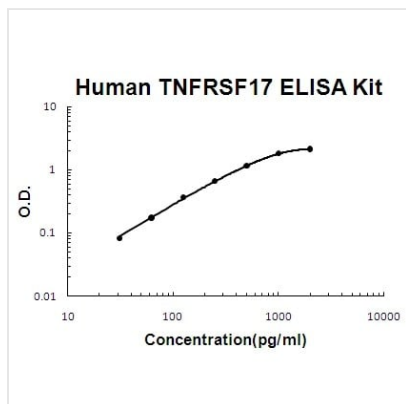
PRODUCT SYNONYMS

TNFRSF17/BCMA; Human TNFRSF17/BCMA PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 17; tumor necrosis factor receptor superfamily; member 17; B cell maturation antigen; B cell maturation factor; B cell maturation protein; B-cell maturation protein; BCM; BCMA; CD 269; CD269; CD269 antigen; TNFRSF 17; TNFRSF17; TNR17_HUMAN; Tumor necrosis factor receptor member 17; TNFRSF17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TNFRSF17
Sequence Length	184
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human TNFRSF17/BCMA PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFRSF17 elisa kit	Principle of the assay: human TNFRSF17 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TNFRSF17 has been precoated onto 96-well plates. Standards(NSO, M1-A54) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFRSF17 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human TNFRSF17 amount of sample captured in plate. Background: TNFRSF17 (Tumor necrosis factor receptor superfamily member 17), also called BCMA, is a protein that in humans is encoded by the TNFRSF17 gene. The protein encoded by this gene is a member of the TNF-receptor superfamily and is mapped to 16p13.13. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313104029
NCBI GeneID	608
UniProt Accession #	Q02223; Q2TQ40
Molecular Weight	14,843 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 17
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 17
NCBI Official Symbol	TNFRSF17
NCBI Official Synonym Symbols	BCM; BCMA; CD269; TNFRSF13A
NCBI Protein Information	tumor necrosis factor receptor superfamily member 17; B-cell maturation factor; B cell maturation antigen; B-cell maturation protein
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 17
UniProt Gene Name	TNFRSF17
UniProt Synonym Gene Names	BCM; BCMA
UniProt Entry Name	TNR17_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.