

Mouse Btla (B- and T-lymphocyte attenuator) ELISA Kit | Btla elisa kit

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CATALOG #
AAA251094

REACTIVITY
Mouse

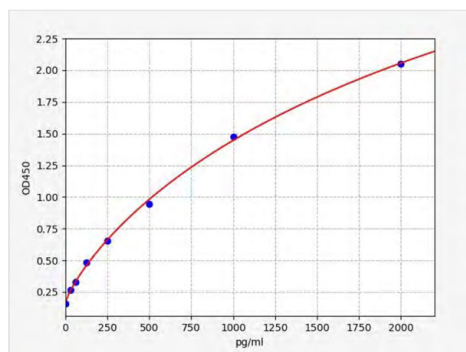
PRODUCT SYNONYMS

Btla (B- and T-lymphocyte attenuator); Mouse Btla (B- and T-lymphocyte attenuator) ELISA Kit; Btla; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; Btla elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize Btla, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for Btla elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Btla antibody was pre-coated onto the 96-well plate. The biotin conjugated anti Btla antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Btla conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Btla in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83700227
NCBI GeneID	208154
NCBI Accession #	NP_001032808.2
NCBI GenBank Nucleotide #	NM_001037719.2
UniProt Accession #	Q7TSA3
Molecular Weight	34,337 Da
NCBI Official Full Name	B- and T-lymphocyte attenuator isoform 1
NCBI Official Synonym Full Names	B and T lymphocyte associated
NCBI Official Symbol	Btla
NCBI Official Synonym Symbols	A630002H24
NCBI Protein Information	B- and T-lymphocyte attenuator; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein
UniProt Protein Name	B- and T-lymphocyte attenuator
UniProt Gene Name	Btla
UniProt Entry Name	BTLA_MOUSE

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.