

Human B cell lymphoma/leukemia 11B (BCL11B) ELISA Kit | BCL11B elisa kit

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CATALOG #
AAA244423

REACTIVITY
Human

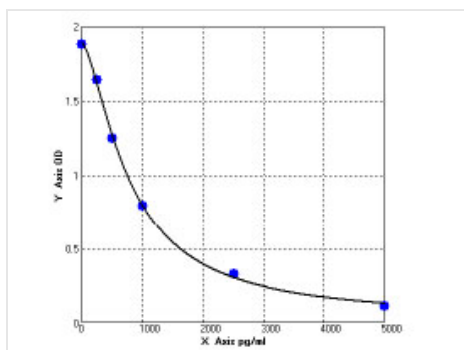
PRODUCT SYNONYMS

B cell lymphoma/leukemia 11B (BCL11B); Human B cell lymphoma/leukemia 11B (BCL11B) ELISA Kit; BCL11B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BCL11B elisa kit

Intended Uses: This BCAT2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BCAT2. This ELISA kit for research use only!

Principle of the Assay: BCAT2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BCAT2 antibody and an BCAT2-HRP conjugate. The assay sample and buffer are incubated together with BCAT2-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 BCAT2 concentration since BCAT2 from samples and BCAT2-HRP conjugate compete for the anti-BCAT2 antibody binding site. Since the number of sites is limited, as more sites are occupied by BCAT2 from the sample, fewer sites are left to bind BCAT2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCAT2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BCL11B elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	532691789
NCBI GeneID	64919
NCBI Accession #	NP_001269167.1
NCBI GenBank Nucleotide #	NM_001282238.1
Molecular Weight	88,476 Da
NCBI Official Full Name	B-cell lymphoma/leukemia 11B isoform 4
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 11B (zinc finger protein)
NCBI Official Symbol	BCL11B
NCBI Official Synonym Symbols	ATL1; RIT1; CTIP2; CTIP-2; ZNF856B; ATL1-beta; ATL1-alpha; ATL1-delta; ATL1-gamma; hRIT1-alpha
NCBI Protein Information	B-cell lymphoma/leukemia 11B; hRit1; BCL-11B; BCL11B/TRDC fusion; B-cell lymphoma/leukaemia 11B; COUP-TF-interacting protein 2; zinc finger protein hRit1 alpha; radiation-induced tumor suppressor gene 1 protein; B-cell CLL/lymphoma 11B/T-cell receptor delta constant region fusion protein
UniProt Protein Name	B-cell lymphoma/leukemia 11B
UniProt Gene Name	BCL11B
UniProt Synonym Gene Names	CTIP2; RIT1; BCL-11B; hRit1
UniProt Entry Name	BC11B_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-lymphoma-leukemia-11b-bcl11b/244423>