

Human B-Cell CLL/Lymphoma 11A (Bcl11A) ELISA Kit | Bcl11A elisa kit

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CATALOG #
AAA140201

REACTIVITY
Human

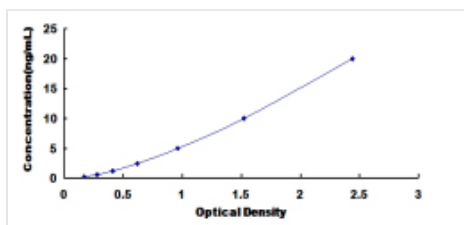
PRODUCT SYNONYMS

B-Cell CLL/Lymphoma 11A (Bcl11A); Human B-Cell CLL/Lymphoma 11A (Bcl11A) ELISA Kit; BCL11A-L; BCL11A-S; BCL11A-XL; CTIP1; EVI9; Ecotropic Viral Integration Site 9; COUP-TF-interacting protein 1; Ecotropic viral integration site 9 homolog; Zinc finger protein 856; Bcl11A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of B-Cell CLL/Lymphoma 11A (Bcl11A). No significant cross-reactivity or interference between B-Cell CLL/Lymphoma 11A (Bcl11A) and analogues was observed.
Sequence Length	801
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.127ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level B-Cell CLL/Lymphoma 11A (Bcl11A) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level B-Cell CLL/Lymphoma 11A (Bcl11A) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bcl11A elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to B-Cell CLL/Lymphoma 11A (Bcl11A). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to B-Cell CLL/Lymphoma 11A (Bcl11A). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain B-Cell CLL/Lymphoma 11A (Bcl11A), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of B-Cell CLL/Lymphoma 11A (Bcl11A) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for Bcl11A elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336305
NCBI GeneID	53335
NCBI Accession #	NP_075044.2
NCBI GenBank Nucleotide #	NM_022893.3
UniProt Accession #	Q9H165; Q86W14; Q8WU92; Q96JL6; Q9H163; Q9H164; Q9H3G9; Q9NWA7; D6W5D7
Molecular Weight	87,554 Da
NCBI Official Full Name	B-cell lymphoma/leukemia 11A isoform 1
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 11A (zinc finger protein)
NCBI Official Symbol	BCL11A
NCBI Official Synonym Symbols	EVI9; CTIP1; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL
NCBI Protein Information	B-cell lymphoma/leukemia 11A
UniProt Protein Name	B-cell lymphoma/leukemia 11A
UniProt Gene Name	BCL11A
UniProt Synonym Gene Names	CTIP1; EVI9; KIAA1809; ZNF856; BCL-11A; EVI-9
UniProt Entry Name	BC11A_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-cll-lymphoma-11a-bcl11a/140201>