

Mouse B-cell lymphoma/leukemia 11A (BCL11A) ELISA Kit | BCL11A elisa kit

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CATALOG #
AAA245278

REACTIVITY
Mouse

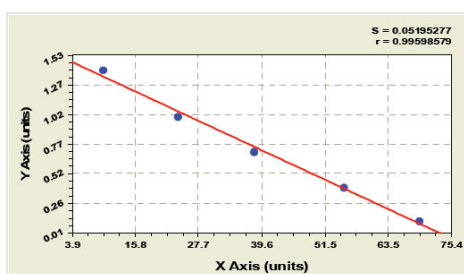
PRODUCT SYNONYMS

B-cell lymphoma/leukemia 11A (BCL11A); Mouse B-cell lymphoma/leukemia 11A (BCL11A) ELISA Kit; BCL11A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This BCL11A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BCL11A. 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 BCL11A elisa kit

Principle of the assay: BCL11A ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BCL11A antibody and an BCL11A-HRP conjugate. The assay sample and buffer are incubated together with BCL11A-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 BCL11A concentration since BCL11A from samples and BCL11A-HRP conjugate compete for the anti-BCL11A antibody binding site. Since the number of sites is limited, as more sites are occupied by BCL11A from the sample, fewer sites are left to bind BCL11A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCL11A concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BCL11A elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336305
NCBI GeneID	53335
NCBI Accession #	NP_075044.2
NCBI GenBank Nucleotide #	NM_022893.3
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; EVI-9; BCL-11A; zinc finger protein 856; C2H2-type zinc finger protein; COUP-TF-interacting protein 1; ecotropic viral integration site 9 homolog; ecotropic viral integration site 9 protein homolog; B-cell CLL/lymphoma 11A (zinc finger protein) isoform 2; BCL11A B-cell CLL/lymphoma 11A (zinc finger protein) isoform 1
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/mouse-elisa-kits/b-cell-lymphoma-leukemia-11a-bcl11a/245278>