

Mouse B-Cell Leukemia/Lymphoma 2 (Bcl2) ELISA Kit | Bcl2 elisa kit

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CATALOG #
AAA66168

REACTIVITY
Mouse

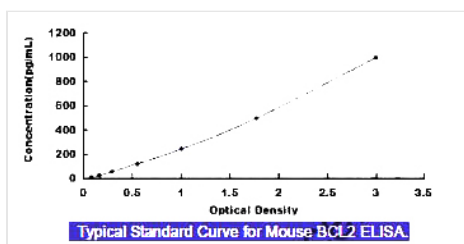
PRODUCT SYNONYMS

B-Cell Leukemia/Lymphoma 2 (Bcl2); Mouse B-Cell Leukemia/Lymphoma 2 (Bcl2) ELISA Kit; B-Cell CLL/Lymphoma 2; Bcl2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BCL2. No significant cross-reactivity or interference between BCL2 and analogues was observed.
Sequence Length	236
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BCL2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BCL2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bcl2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BCL2 in mouse serum, plasma, tissue homogenates, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BCL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BCL2. 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 BCL2, 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 BCL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133892547
NCBI GeneID	12043
NCBI Accession #	NP_033871.2
NCBI GenBank Nucleotide #	NM_009741.5
UniProt Accession #	P10417; P10418; Q4VBF6
Molecular Weight	22,281 Da
NCBI Official Full Name	apoptosis regulator Bcl-2 isoform 1
NCBI Official Synonym Full Names	B cell leukemia/lymphoma 2
NCBI Official Symbol	Bcl2
NCBI Official Synonym Symbols	Bcl-2; AW986256; C430015F12Rik; D630044D05Rik; D830018M01Rik
NCBI Protein Information	apoptosis regulator Bcl-2
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	Bcl2
UniProt Synonym Gene Names	Bcl-2

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.