

Mouse Apoptosis regulator Bcl-2 ELISA Kit | Bcl2 elisa kit

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CATALOG #
AAA100498

REACTIVITY
Mouse

PRODUCT SYNONYMS

Apoptosis regulator Bcl-2; Mouse Apoptosis regulator Bcl-2 ELISA Kit; Bcl2/Bcl-2/apoptosis regulator Bcl-2/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	205
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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<8%
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<10%
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

Typical Data & Standard Curve

Results of a typical standard run of a Bcl2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	15.625	31.25	62.5	125	250	500	1000
Y	OD450	0.161	0.38	0.49	0.664	1.211	1.717	1.998	2.233

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bcl2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- Bcl2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Bcl2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Bcl2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Bcl2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72198346
NCBI GeneID	596
NCBI Accession #	NP_000648.2
NCBI GenBank Nucleotide #	NM_000657.2
Molecular Weight	22,337 Da
NCBI Official Full Name	apoptosis regulator Bcl-2 beta isoform
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 2
NCBI Official Symbol	BCL2
NCBI Official Synonym Symbols	Bcl-2; PPP1R50
NCBI Protein Information	apoptosis regulator Bcl-2
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	BCL2
UniProt Entry Name	BCL2_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/bcl2-mouse-elisa-kits/apoptosis-regulator-bcl-2/100498>