

Human Bcl2L2 (Bcl-2 Like Protein 2) ELISA Kit | Bcl2L12 elisa kit

Human Bcl2L2 (Bcl-2 Like Protein 2)

CATALOG #
AAA102626

REACTIVITY
Human

PRODUCT SYNONYMS

Bcl2L2 (Bcl-2 Like Protein 2); Human Bcl2L2 (Bcl-2 Like Protein 2); BCL2-L-2; PPP1R51; BCLW; BCL-W; Bcl2L12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Bcl2L12 . No significant cross-reactivity or interference between Bcl2L12 and analogues was observed.
Sequence Length	193
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Bcl2L12were 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 Bcl2L12were 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 Bcl2L12 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	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	0.02	0.14	0.229	0.429	0.807	1.315	1.959	2.432

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bcl2L12 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Bcl2L12antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Bcl2L12 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. HRPStreptavidin 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 Bcl2L12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Bcl2L12 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315360668
NCBI GeneID	599
NCBI Accession #	NP_001186768.1
NCBI GenBank Nucleotide #	NM_001199839.1
Molecular Weight	37,171 Da
NCBI Official Full Name	bcl-2-like protein 2
NCBI Official Synonym Full Names	BCL2 like 2
NCBI Official Symbol	BCL2L2
NCBI Official Synonym Symbols	BCLW; BCL-W; PPP1R51; BCL2-L-2
NCBI Protein Information	bcl-2-like protein 2
UniProt Protein Name	Bcl-2-like protein 2
UniProt Gene Name	BCL2L2
UniProt Synonym Gene Names	BCLW; KIAA0271; Bcl2-L-2
UniProt Entry Name	B2CL2_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/bcl2l12-human-elisa-kits/bcl2l2-bcl-2-like-protein-2/102626>