

Rat B-cell CLL/lymphoma 2 ELISA Kit | BCL2 elisa kit

Rat B-cell CLL/lymphoma 2, BCL2 ELISA Kit

CATALOG #
AAA80588

REACTIVITY
Rat

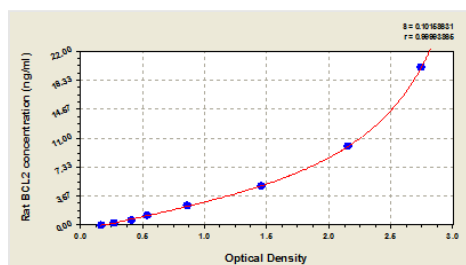
PRODUCT SYNONYMS

B-cell CLL/lymphoma 2; Rat B-cell CLL/lymphoma 2; BCL2 ELISA Kit; Rat B-cell CLL/lymphoma 2 (BCL2) ELISA kit; Bcl-2; B-cell lymphoma protein 2; OTTHUMP00000163680; BCL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat BCL2. No significant cross-reactivity or interference between rat BCL2 and analogues was observed.
Sequence Length	236
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of rat BCL2 is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BCL2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BCL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BCL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BCL2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BCL2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8392974
NCBI GeneID	24224
NCBI Accession #	NP_058689.1
NCBI GenBank Nucleotide #	NM_016993.1
UniProt Accession #	P49950; Q62837; Q64032
Molecular Weight	26,622 Da
NCBI Official Full Name	apoptosis regulator Bcl-2
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 2
NCBI Official Symbol	Bcl2
NCBI Official Synonym Symbols	Bcl-2
NCBI Protein Information	apoptosis regulator Bcl-2; Bcl2-like protein; B-cell leukemia/lymphoma 2; B cell lymphoma 2 associated oncogene
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	Bcl2
UniProt Synonym Gene Names	Bcl-2
UniProt Entry Name	BCL2_RAT

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-rat-elisa-kits/b-cell-cll-lymphoma-2/80588>