

Human Bcl2 Associated Death Promoter ELISA Kit | BAD elisa kit

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CATALOG #
AAA87629

REACTIVITY
Human

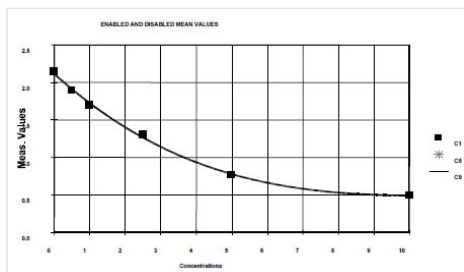
PRODUCT SYNONYMS

Bcl2 Associated Death Promoter; Human Bcl2 Associated Death Promoter ELISA Kit; BAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAD elisa kit	For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma Intended Uses: This BAD ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of BAD in the sample, this BAD ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus BAD concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of BAD utilizes a monoclonal anti-BAD antibody and an BAD-HRP conjugate. The assay sample and buffer are incubated together with BAD-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 BAD concentration since BAD from samples and BAD-HRP conjugate compete for the anti-BAD antibody binding site. Since the number of sites is limited, as more sites are occupied by BAD from the sample, fewer sites are left to bind BAD-HRP conjugate. Standards of known BAD concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of BAD. The BAD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BAD elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14670388
NCBI GeneID	572
NCBI Accession #	NP_116784.1
NCBI GenBank Nucleotide #	NM_032989.2
Molecular Weight	18,392 Da
NCBI Official Full Name	bcl2 antagonist of cell death
NCBI Official Synonym Full Names	BCL2-associated agonist of cell death
NCBI Official Symbol	BAD
NCBI Official Synonym Symbols	BBC2; BCL2L8
NCBI Protein Information	bcl2-associated agonist of cell death; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; bcl2 antagonist of cell death; BCL2-antagonist of cell death protein; bcl-XL/Bcl-2-associated death promoter
UniProt Protein Name	Bcl2-associated agonist of cell death
UniProt Gene Name	BAD
UniProt Synonym Gene Names	BBC6; BCL2L8; BAD; Bcl2-L-8
UniProt Entry Name	BAD_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/bad-human-elisa-kits/bcl2-associated-death-promoter/87629>