

Rabbit BCL 2 Antagonist/Killer 1 ELISA Kit | BAK1 elisa kit

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CATALOG #
AAA83463

REACTIVITY
Rabbit

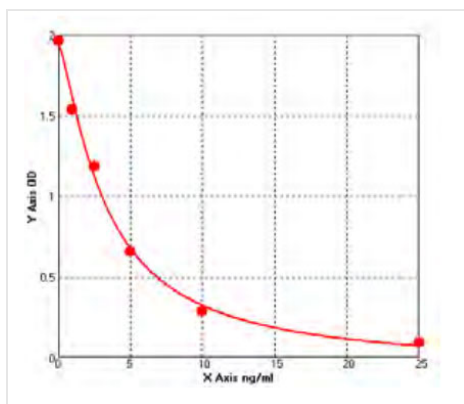
PRODUCT SYNONYMS

BCL 2 Antagonist/Killer 1; Rabbit BCL 2 Antagonist/Killer 1 ELISA Kit; BAK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of BAK1. No significant cross-reactivity or interference between BAK1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BAK1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAK1 elisa kit	Principle of the Assay: BAK1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BAK1 antibody and an BAK1-HRP conjugate. The assay sample and buffer are incubated together with BAK1-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 BAK1 concentration since BAK1 from samples and BAK1-HRP conjugate compete for the anti-BAK1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BAK1 from the sample, fewer sites are left to bind BAK1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAK1 concentration in each sample is interpolated from this standard curve. Intended Uses: This BAK1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit BAK1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BAK1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502363
NCBI GeneID	578
NCBI Accession #	NP_001179.1
NCBI GenBank Nucleotide #	NM_001188.3
Molecular Weight	23,409 Da
NCBI Official Full Name	bcl-2 homologous antagonist/killer
NCBI Official Synonym Full Names	BCL2-antagonist/killer 1
NCBI Official Symbol	BAK1
NCBI Official Synonym Symbols	BAK; CDN1; BCL2L7; BAK-LIKE
NCBI Protein Information	bcl-2 homologous antagonist/killer; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK
UniProt Protein Name	Bcl-2 homologous antagonist/killer
UniProt Gene Name	BAK1
UniProt Synonym Gene Names	BAK; BCL2L7; CDN1; Bcl2-L-7
UniProt Entry Name	BAK_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/bak1-rabbit-elisa-kits/bcl-2-antagonist-killer-1/83463>