

Mouse Apoptosis regulator BAX ELISA Kit | Bax elisa kit

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CATALOG #
AAA100751

REACTIVITY
Mouse

PRODUCT SYNONYMS

Apoptosis regulator BAX; Mouse Apoptosis regulator BAX ELISA Kit; Bax/BAX/apoptosis regulator BAX/BCL2-associated X protein/Bcl2-L-4/BCL2L4bcl2-L-4/Bcl-2-like protein 4; Bax elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Bax. No significant cross-reactivity or interference between Bax and analogues was observed.
Sequence Length	114
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Bax 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 Bax 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 Bax 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	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.053	0.104	0.167	0.262	0.348	0.787	1.393	2.054

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bax elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	612149806
NCBI GeneID	581
NCBI Accession #	NP_001278360.1
NCBI GenBank Nucleotide #	NM_001291431.1
Molecular Weight	19,718 Da
NCBI Official Full Name	apoptosis regulator BAX isoform zeta
NCBI Official Synonym Full Names	BCL2-associated X protein
NCBI Official Symbol	BAX
NCBI Official Synonym Symbols	BCL2L4
NCBI Protein Information	apoptosis regulator BAX
UniProt Protein Name	Apoptosis regulator BAX
UniProt Gene Name	BAX
UniProt Synonym Gene Names	BCL2L4; Bcl2-L-4
UniProt Entry Name	BAX_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/mouse-elisa-kits/apoptosis-regulator-bax/100751>