

Rat Bcl2 Associated X Protein (Bax) ELISA Kit | Bax elisa kit

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CATALOG #
AAA66368

REACTIVITY
Rat

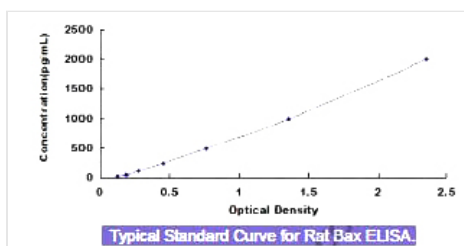
PRODUCT SYNONYMS

Bcl2 Associated X Protein (Bax); Rat Bcl2 Associated X Protein (Bax) ELISA Kit; BCL2L4; Bax Zeta; Apoptosis regulator BAX; Bcl-2-like protein 4; Bax elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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	192
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.236ng/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<10%
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<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bax elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Bax in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Bax. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Bax. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Bax, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Bax in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2493273
NCBI GeneID	24887
UniProt Accession #	Q63690; Q62995; Q64383
Molecular Weight	~ Da
NCBI Official Full Name	Apoptosis regulator BAX
NCBI Official Synonym Full Names	BCL2 associated X, apoptosis regulator
NCBI Official Symbol	Bax
NCBI Protein Information	apoptosis regulator BAX
UniProt Protein Name	Apoptosis regulator BAX
UniProt Gene Name	Bax

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.