

Canine BCL2 Associated X Protein ELISA Kit | BAX elisa kit

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CATALOG #
AAA92940

REACTIVITY
Canine

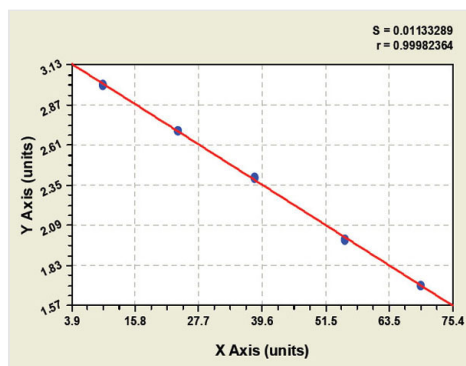
PRODUCT SYNONYMS

BCL2 Associated X Protein; Canine BCL2 Associated X Protein ELISA Kit; BAX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BAX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BAX. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAX elisa kit

Principle of the Assay: BAX ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BAX antibody and an BAX-HRP conjugate. The assay sample and buffer are incubated together with BAX-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 BAX concentration since BAX from samples and BAX-HRP conjugate compete for the anti-BAX antibody binding site. Since the number of sites is limited, as more sites are occupied by BAX from the sample, fewer sites are left to bind BAX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAX concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	975870
NCBI GeneID	24887
Molecular Weight	– Da
NCBI Official Full Name	bax, partial
NCBI Official Synonym Full Names	Bcl2-associated X protein
NCBI Official Symbol	Bax
NCBI Protein Information	apoptosis regulator BAX
UniProt Protein Name	Apoptosis regulator BAX
UniProt Gene Name	Bax
UniProt Entry Name	BAX_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.