

Mouse BID ELISA Kit | BID elisa kit

Mouse BID ELISA Kit PicoKine

CATALOG # AAA126689	REACTIVITY Mouse	APPLICATIONS ELISA
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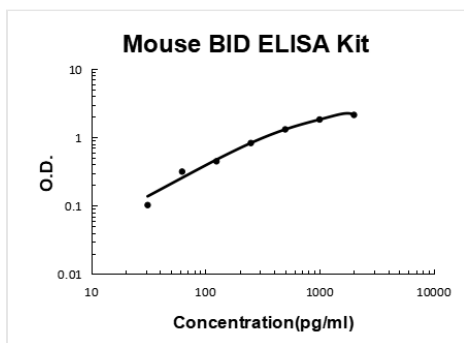
PRODUCT SYNONYMS

BID; Mouse BID ELISA Kit PicoKine; BID elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Bid
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for BID elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Mouse BID PicoKine ELISA Kit Standard Curve

ADDITIONAL INFORMATION

Related Product Information for BID elisa kit	Background: The BH3 interacting-domain death agonist, or BID, gene is a pro-apoptotic member of the Bcl-2 protein family. This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2, and thus regulate apoptosis. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found. Principle of the Assay: The Picokine™ Mouse Bid Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse Bid with a 96-well strip plate that is pre-coated with antibody specific for Bid. The detection antibody is a biotinylated antibody specific for Bid. The capture antibody is monoclonal antibody from rat and the detection antibody is biotinylated polyclonal antibody from goat. The kit includes Mouse Bid protein as standards. To measure Mouse Bid, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Bid in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Bid in the sample.
Product Categories/Family for BID elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542228
NCBI GeneID	12122
NCBI Accession #	NP_031570.2
NCBI GenBank Nucleotide #	NM_007544.3
UniProt Accession #	P70444; Q99M39
Molecular Weight	21,952 Da
NCBI Official Full Name	BH3-interacting domain death agonist
NCBI Official Synonym Full Names	BH3 interacting domain death agonist
NCBI Official Symbol	Bid
NCBI Official Synonym Symbols	Ai875481; AU022477; 2700049M22Rik
NCBI Protein Information	BH3-interacting domain death agonist; p22 BID
UniProt Protein Name	BH3-interacting domain death agonist
UniProt Gene Name	Bid
UniProt Synonym Gene Names	BID
UniProt Entry Name	BID_MOUSE

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.