

Mouse Diablo Homolog, Mitochondrial (DIABLO) ELISA Kit | DIABLO elisa kit

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CATALOG #
AAA332421

REACTIVITY
Mouse

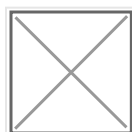
PRODUCT SYNONYMS

Diablo Homolog; Mitochondrial (DIABLO); Mouse Diablo Homolog; Mitochondrial (DIABLO) ELISA Kit; DIABLO; hCG_1782202; DIABLO-S; FLJ10537; FLJ25049; SMAC; SMAC3; 0610041G12Rik; diablo; direct IAP-binding protein with low pI; mitochondrial Smac protein; second mitochondria-derived activator of caspase; DIABLO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Diablo homolog, mitochondrial (DIABLO) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse DIABLO. No significant cross-reactivity or interference between Mouse DIABLO and analogues was observed.
Sequence Length	1356
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	25 ng/L - 400 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DIABLO elisa kit	Background: DIABLO encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in DIABLO is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. Principle of the Assay: Mouse Diablo homolog, mitochondrial (DIABLO) ELISA Kit employs a two-site sandwich ELISA to quantitate DIABLO in samples. An antibody specific for DIABLO has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DIABLO present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse DIABLO detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of DIABLO bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8953908
NCBI GeneID	66593
UniProt Accession #	Q9JIQ3
NCBI Official Full Name	Mus musculus direct IAP binding protein with low PI mRNA, complete cds
NCBI Official Synonym Full Names	diablo, IAP-binding mitochondrial protein
NCBI Official Symbol	Diablo
NCBI Official Synonym Symbols	Smac; AU040403; 0610041G12Rik; 1700006L01Rik
NCBI Protein Information	diablo homolog, mitochondrial
UniProt Protein Name	Diablo homolog, mitochondrial
UniProt Gene Name	Diablo
UniProt Synonym Gene Names	Smac; Smac
UniProt Entry Name	DBLOH_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/diablo-homolog-mitochondrial-diablo/332421>