

Human SMAC ELISA Kit | SMAC elisa kit

Human SMAC PicoKine Quick ELISA Kit

CATALOG # AAA128076	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

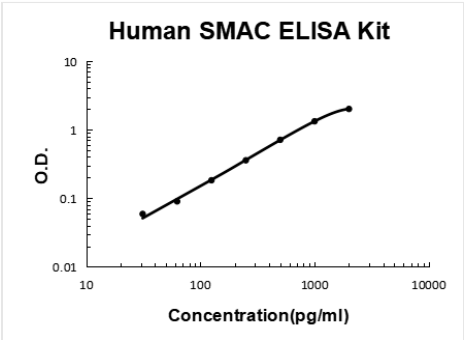
SMAC; Human SMAC PicoKine Quick ELISA Kit; Diablo homolog; mitochondrial; IAP-binding protein with low pI; Second mitochondria-derived activator of caspase; Smac; DIABLO; SMAC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	31.2pg/ml-2,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A56-D239
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for SMAC elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)031.262.512525050010002000O.D.0.0130.0720.1030.1960.3710.7251.3402.021
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)5422186553229932Standard deviation4.0517.0138.834.6120.1548.46CV (%)7.5%7.7%4.2%8.7%8.8%5.2%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 154545555540.50.9%Sample 22212182222352246.512.9%Sample 38658888858828808.911%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human Diablo/SMAC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SMAC elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for SMAC elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	9454219
NCBI GeneID	56616
UniProt Accession #	Q9NR28 ; Q6W3F3 ; Q96LV0 ; Q9BT11 ; Q9HAV6 ; B2RDQ0
Molecular Weight	27,131 Da
NCBI Official Full Name	Smac
NCBI Official Synonym Full Names	diablo, IAP-binding mitochondrial protein
NCBI Official Symbol	DIABLO
NCBI Official Synonym Symbols	SMAC; DFNA64
NCBI Protein Information	diablo homolog, mitochondrial; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase
UniProt Protein Name	Diablo homolog, mitochondrial
UniProt Gene Name	DIABLO
UniProt Synonym Gene Names	SMAC; Smac
UniProt Entry Name	DBLOH_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.

