

Human FASL/CD95 ELISA Kit | FASL/CD95 elisa kit

Human FASL/CD95 PicoKine Fast ELISA Kit

CATALOG #
AAA125311

REACTIVITY
Human

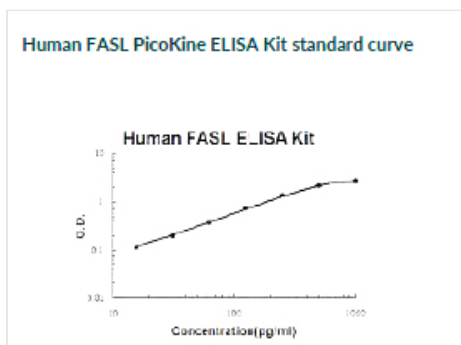
PRODUCT SYNONYMS

FASL/CD95; Human FASL/CD95 PicoKine Fast ELISA Kit; Human FASL; Tumor necrosis factor ligand superfamily member 6; Apoptosis antigen ligand; APTL; CD95 ligand; CD95-L; Fas antigen ligand; Fas ligand; FasL; CD178; membrane form; soluble form; Receptor-binding FasL ectodomain; Soluble Fas ligand; sFasL; ADAM10-processed FasL form; APL; FasL intracellular domain; FasL ICD; SPPL2A-processed FasL form; SPA; FASLG; APT1LG1; CD95L; FASL; TNFSF6; FASL/CD95 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human FASLG
Sequence Length	281
Samples	Cell culture supernates, serum and plasma(heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<2pg/ml
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 accross 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FASL/CD95 elisa kit	Principle of the Assay: The Picokine™ Human FASLG Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human FASLG with a 96-well strip plate that is pre-coated with antibody specific for FASLG. The detection antibody is a biotinylated antibody specific for FASLG. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human FASLG with immunogen: Expression system for standard: CHO; Immunogen sequence: P134-L281. The kit is analytically validated with ready to use reagents. To measure Human FASLG, 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 substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human FASLG in the sample. Read the density 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 Human FASLG in the sample.!!Background/Introduction: Fas ligand(FasL or CD95L) is a type-II transmembrane protein that belongs to the tumor necrosis factor(TNF) family. Its binding with its receptor induces apoptosis. The human FASL gene consists of approximately 8 kb and is split into 4 exons. Fas ligand/receptor interactions play an important role in the regulation of the immune system and the progression of cancer. Fas ligand or FasL is a homotrimeric type II transmembrane protein. It signals through trimerization of FasR, which spans the membrane of the "target" cell. This trimerization usually leads to apoptosis, or cell death. Soluble Fas ligand is generated by cleaving membrane-bound FasL at a conserved cleavage site by the external matrix metalloproteinase MMP-7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557329
NCBI GeneID	356
NCBI Accession #	NP_000630.1
NCBI GenBank Nucleotide #	NP_000630.1
UniProt Accession #	P48023
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 6 isoform 1
NCBI Official Synonym Full Names	Fas ligand
NCBI Official Symbol	FASLG
NCBI Official Synonym Symbols	APTL; FASL; CD178; CD95L; ALPS1B; CD95-L; TNFSF6; TNLG1A; APT1LG1
NCBI Protein Information	tumor necrosis factor ligand superfamily member 6
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 6
UniProt Gene Name	FASLG
UniProt Synonym Gene Names	APT1LG1; CD95L; FASL; TNFSF6; APTL; CD95-L; Fas ligand; FasL; sFasL; APL; FasL ICD; SPA
UniProt Entry Name	TNFL6_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.