

Mouse FASL ELISA Kit | FASLG elisa kit

Mouse FASL PicoKine ELISA Kit

CATALOG #
AAA45754

REACTIVITY
Mouse

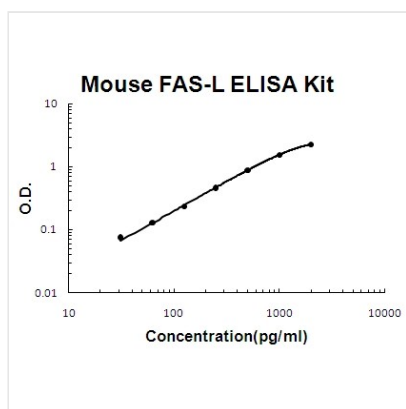
PRODUCT SYNONYMS

FASL; Mouse FASL PicoKine ELISA Kit; Tumor necrosis factor ligand superfamily member 6; Fas ligand (TNF superfamily; member 6); Apoptosis (APO 1) antigen ligand 1; Apoptosis antigen ligand; APT1LG1; APTL; CD178; CD95 L; CD95 ligand; CD95L; CD95L protein; Fas antigen ligand; FASLG; TNF superfamily member 6; TNFSF6; Tumor necrosis factor (ligand) superfamily member 6; FASLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse FAS-L
Sequence Length	327
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse FASL PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FASLG elisa kit	Principle of the assay: mouse FAS-L ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for FAS-L has been precoated onto 96-well plates. Standards(NSO, P132-L279) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for FAS-L is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse FAS-L amount of sample captured in plate. Background: FAS Ligand (FASL) is a 40 kDa type II membrane protein belonging to the tumor necrosis factor family, which induces apoptosis by binding to its receptor, Fas. The human FasL gene consists of approximately 8.0 kb and is split into four exons. This gene consists of 281 amino acids with a calculated M(r) of 31,759 and was mapped on chromosome 1q23. It has an identity of 76.9% at the amino acid sequence level with mouse FasL. The FAS and FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis. FAS and FASL triggered apoptosis pathway plays an important role in human carcinogenesis. This system may also play a role in modulating the genetic susceptibility of mouse strains to develop T-cell lymphoblastic lymphomas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342187056
NCBI GeneID	14102
UniProt Accession #	P25446; Q6GT31; Q9DCQ1
Molecular Weight	37,437 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 6
NCBI Official Synonym Full Names	Fas (TNF receptor superfamily member 6)
NCBI Official Symbol	Fas
NCBI Official Synonym Symbols	lpr; APO1; APT1; CD95; TNFR6; Tnfrsf6; AI196731
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6; Fas antigen; apo-1 antigen; FASLG receptor; lymphoproliferation; Fas (TNF receptor superfamily member); apoptosis-mediating surface antigen FAS
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6
UniProt Gene Name	Fas
UniProt Synonym Gene Names	Apt1; Tnfrsf6
UniProt Entry Name	TNR6_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.