

Rat FAS-L ELISA Kit | FASLG elisa kit

Rat FAS-L PicoKine ELISA Kit

CATALOG #
AAA45879

REACTIVITY
Rat

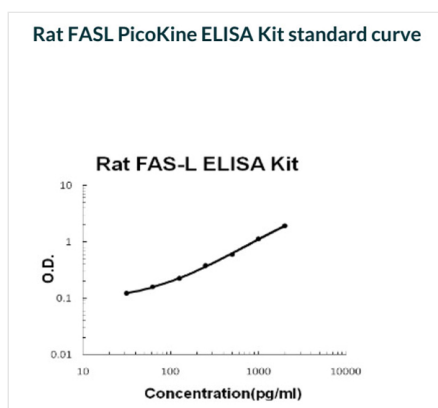
PRODUCT SYNONYMS

FAS-L; Rat FAS-L 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; FASL; FASLG; TNF superfamily member 6; TNFSF6; Tumor necrosis factor (ligand) superfamily member 6; FASLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Faslg
Sequence Length	278
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/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 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 (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FASLG elisa kit	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. Principle of the Assay: The Picokine™ Rat Faslg Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Rat 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 and the detection antibody is polyclonal antibody from goat. The kit includes Rat Faslg protein as standards. To measure Rat 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 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 Rat Faslg 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 Rat Faslg in the sample.
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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/faslg-rat-elisa-kits/fas-l/45879>