

Mouse FAS ELISA Kit | FAS elisa kit

Mouse FAS PicoKine ELISA Kit

CATALOG #
AAA45307

REACTIVITY
Mouse

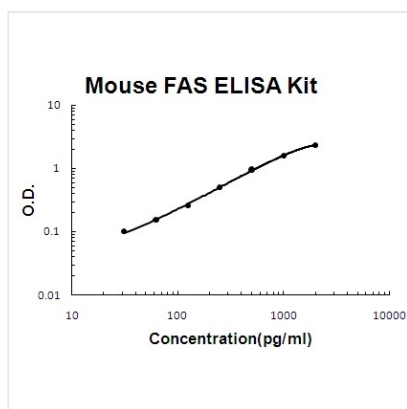
PRODUCT SYNONYMS

FAS; Mouse FAS PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 6; Fas cell surface death receptor; ALPS1A; APO 1; APO 1 cell surface antigen; Apo-1 antigen; APO1; Apo1 antigen; Apoptosis antigen 1; Apoptosis mediating surface antigen FAS; Apoptosis-mediating surface antigen FAS; APT1; CD95; CD95 antigen; Fas; Fas AMA; Fas antigen; FAS1; FASLG receptor; FASTM; TNF receptor superfamily member 6; TNFRSF6; TNR6_HUMAN; FAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse sFAS
Sequence Length	63
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 3pg/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 FAS PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FAS elisa kit	Principle of the assay: mouse sFAS ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for sFAS has been precoated onto 96-well plates. Standards(sf21,Q22-R169) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for sFAS 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 sFAS amount of sample captured in plate. Background: Fas, also known as APO-1, CD95 and TNFRSF6, is a member of the nerve growth factor (NGF)/tumour necrosis factor (TNF) receptor superfamily and mediates apoptosis.¹ The nucleotide sequence of the cDNAs reveals that the molecule coding for the Fas antigen determinant is a 319 amino acid polypeptide with a single transmembrane domain. The extracellular domain is rich in cysteine residue, and shows a similarity to that of human tumor necrosis factor receptors, human nerve growth factor receptor, and human B cell antigen CD40.² The APO-1 antigen as defined by the mouse monoclonal antibody anti-APO-1 is previously found to be expressed on the cell surface of activated human T and B lymphocytes and a variety of malignant human lymphoid cell lines. The APO-1 antigen is found to be a membrane glycoprotein of 48-kDa.³ Fas antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance.⁴ Fas can play a role as an inducer of both neurite growth in vitro and accelerates recovery after nerve injury in vivo.⁵
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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/mouse-elisa-kits/fas/45307>