

Human sFAS ELISA Kit | FAS elisa kit

Human sFAS PicoKine ELISA Kit

CATALOG #
AAA45243

REACTIVITY
Human

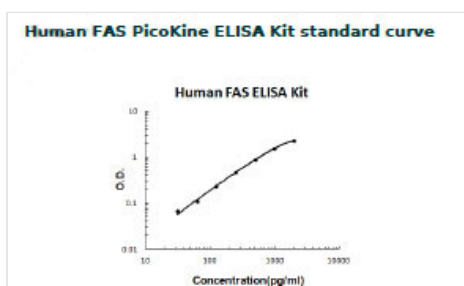
PRODUCT SYNONYMS

sFAS; Human sFAS 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	Human
Specificity	Natural and recombinant Human FAS
Sequence Length	335
Samples	Cell culture supernates, serum and plasma(heparin, EDTA, citrate)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<3pg/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 interassay 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 FAS elisa kit	Principle of the Assay: The Picokine™ Human FAS Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human FAS with a 96-well strip plate that is pre-coated with antibody specific for FAS. The detection antibody is a biotinylated antibody specific for FAS. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human FAS with immunogen: Expression system for standard: NSO; Immunogen sequence: R17-N173. The kit is analytically validated with ready to use reagents. To measure Human FAS, 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 proportional to Human FAS 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 FAS in the sample.!!Background/Introduction: 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. 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. 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. Fas antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. Fas can play a role as an inducer of both neurite growth in vitro and accelerates recovery after nerve injury in vivo. The FAS and FASL triggered apoptosis pathway plays an important role in human carcinogenesis.
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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/fas-human-elisa-kits/sfas/45243>