

Rat Fas (TNF receptor superfamily, member 6) ELISA Kit | FAS elisa kit

Rat Factor-related Apoptosis, FAS ELISA Kit

CATALOG #
AAA79727

REACTIVITY
Rat

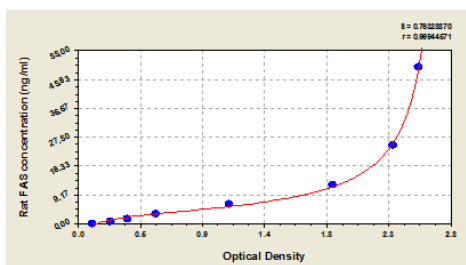
PRODUCT SYNONYMS

Fas (TNF receptor superfamily; member 6); Rat Factor-related Apoptosis; FAS ELISA Kit; ALPS1A; APO-1; APT1; CD95; FAS1; FASTM; TNFRSF6; APO-1 cell surface antigen; CD95 antigen; Fas AMA; Fas antigen; apoptosis antigen 1; tumor necrosis factor receptor superfamily; member 6; FAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat FAS. No significant cross-reactivity or interference between rat FAS and analogues was observed.
Sequence Length	324
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.78 ng/ml -50 ng/ml.
Sensitivity	The minimum detectable dose of rat FAS is typically less than 0.195 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAS elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FAS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FAS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FAS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FAS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59624977
NCBI GeneID	246097
NCBI Accession #	NP_631933.2
NCBI GenBank Nucleotide #	NM_139194.2
UniProt Accession #	Q63199
Molecular Weight	36,835 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 6
NCBI Official Synonym Full Names	Fas cell surface death receptor
NCBI Official Symbol	Fas
NCBI Official Synonym Symbols	Tnfrsf6
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6; CD95 antigen; Fas receptor; apo-1 antigen; FASLG receptor; Fas antigen (ATP1); apoptosis-mediating surface antigen FAS; Fas (TNF receptor superfamily, member 6); Tumor necrosis factor receptor superfamily, member 6
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6
UniProt Gene Name	Fas
UniProt Synonym Gene Names	Apt1; Tnfrsf6
UniProt Entry Name	TNR6_RAT

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/rat-elisa-kits/fas-tnf-receptor-superfamily-member-6/79727>