

Human CD95 ELISA Kit | FAS elisa kit

Human CD95 ELISA Kit

CATALOG # AAA261703	REACTIVITY Human	APPLICATIONS ELISA
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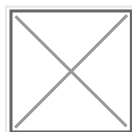
PRODUCT SYNONYMS

CD95; Human CD95 ELISA Kit; APT1; FAS1; TNFRSF6; Tumor necrosis factor receptor superfamily member 6; Apo-1 antigen; Apoptosis-mediating surface antigen FAS; FASLG receptor; FAS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD95 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD95 proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	335
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	62 pg/ml.
Applicable Applications for FAS elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAS elisa kit	Principle of the Assay The Human CD95 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD95 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CD95 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD95 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD95 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD95 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	119833
NCBI GeneID	355
UniProt Accession #	P25445; Q14292; Q14293; Q14294; Q14295; Q16652; Q5T9P1; Q5T9P2; Q5T9P3; Q6SSE9; A9UJX4; B6VNV4
Molecular Weight	24,781 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	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
NCBI Protein Information	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; FAS1; TNFRSF6
UniProt Entry Name	TNR6_HUMAN

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.