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Datasheet for ABIN6719714 FASL ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	FASL
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen				
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum				
Analytical Method:	Quantitative				
Detection Method:	Colorimetric				
Characteristics:	Synonyms: 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, Tumor necrosis factor ligand superfamily member 6 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				

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Product Details

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 signaling pathway has been shown to participate in immune escape and tumor genesis. 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. Gene Name: FASLG Production: Natural and recombinant rat FAS-L. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: Q127-L278

Target Details

Target:	FASL
Alternative Name:	FAS-L (FASL Products)
Gene ID:	25385
NCBI Accession:	NP_037040
UniProt:	P36940
Pathways:	Apoptosis, EGFR Signaling Pathway, Production of Molecular Mediator of Immune Response,
	Positive Regulation of Endopeptidase Activity

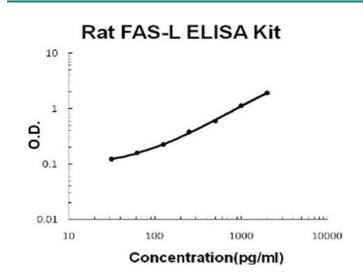
Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot							
	0.1 mL per well of the 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL,							
	31.2pg/mL rat FAS-L standard solutions into the precoated 96-well plate. Add 0.1 mL of the							
	sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted							
	sample of rat cell culture supernates, serum or plasma(heparin, EDTA, citrate) to each empty							
	well. It is recommended that each rat FAS-L standard solution and each sample be measured in							
	duplicate.							
	Blood Product Anticoagulant: Heparin Sodium							
	ELISA Dilution: 31.2pg/mL-2000pg/mL							
Sample Volume:	100 µL							
Plate:	Pre-coated							

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Application Details	
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ISA	

Image 1. Ra	at FAS-L	Accus	signal	ELISA	Kit	Rat	FAS-L
AccuSignal	ELISA	Kit	stanc	lard	curv	e.	Assay
Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.							

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