

Datasheet for ABIN6719758
FASL ELISA Kit[Go to Product page](#)

1 Image

Overview

Quantity:	1 kit
Target:	FASL
Reactivity:	Mouse
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 - citrate), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>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</p> <p>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</p>

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 signalling pathway has been shown to participate in immune escape and tumorigenesis. 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 mouse FAS-L. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NS0, Immunogen sequence: P132-L279

Target Details

Target:	FASL
Alternative Name:	FASL (FASL Products)
Gene ID:	14102
NCBI Accession:	NP_032013
UniProt:	P25446
Pathways:	Apoptosis , EGFR Signaling Pathway , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	<p>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 mouse 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 mouse cell culture supernates, serum or plasma(heparin, EDTA, citrate) to each empty well. It is recommended that each mouse FAS-L standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated

Application Details

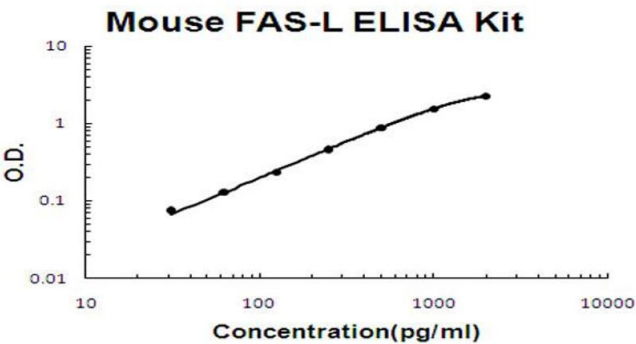
Restrictions: For Research Use only

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



ELISA

Image 1. Mouse FASL Accusignal ELISA Kit Mouse FASL AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.