

Datasheet for ABIN6719757

**FAS ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	1 kit
Target:	FAS
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: 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, Tumor necrosis factor receptor superfamily member 6</p> <p>Background: 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</p>
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## Product Details

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determinant is a 419 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.

Gene Name: FAS

Production: Natural and recombinant mouse FAS. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: sf21, Immunogen sequence: Q22-R169

## Target Details

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Target:	FAS
Alternative Name:	FAS ( <a href="#">FAS Products</a> )
Gene ID:	14102
NCBI Accession:	<a href="#">NP_001140180</a>
UniProt:	<a href="#">Q8C350</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

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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 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 supernatants, serum or plasma (heparin, EDTA, citrate) to each empty well. It is recommended that each mouse FAS 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>
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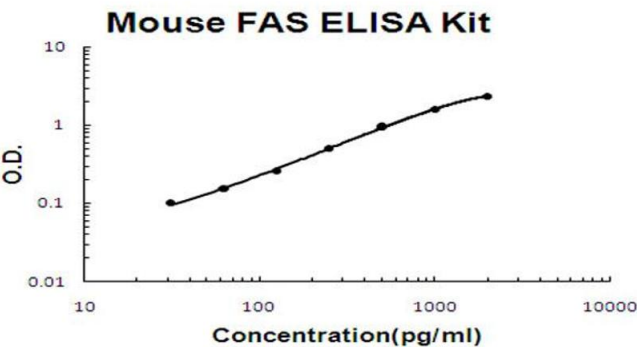
Application Details

Sample Volume:	100 µL
Plate:	Pre-coated
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 FAS Accusignal ELISA Kit Mouse FAS AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <3pg/ml.