

Datasheet for ABIN6719840 **TNFRSF1A ELISA Kit**



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1 Image

Overview

Quantity:	1 kit
Target:	TNFRSF1A
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD120a, FPF, p55, p55 R, p60, p65, TBP1, TBPI, TNF R, TNF R I, TNF R55, TNF-R1, TNF-RI, TNFAR, TNFR I, TNFR1, TNFR55, TNFR60, TNFRI, TNFRSF1A, TNR1A_HUMAN, Tumor necrosis factor alpha receptor, Tumor necrosis factor binding protein 1, Tumor necrosis factor receptor 1, Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor superfamily member 1A, membrane form, Tumor necrosis factor receptor type I, Tumor necrosis factor-binding protein 1</p> <p>Background: Tumor necrosis factor receptor 1 (TNFR1), also known as tumor necrosis factor receptor superfamily member 1A (TNFRSF1A) and CD120a, is a ubiquitous membrane receptor</p>

Product Details

that binds tumor necrosis factor-alpha (TNF alpha). The protein encoded by this gene is a member of the tumor necrosis factor receptor superfamily, which also contains TNFRSF1B. And this protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate the transcription factor NF-kB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor.

Gene Name: TNFRSF1A

Production: Natural and recombinant mouse TNFR1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L30-A212

Endotoxin level: Low endotoxin

Target Details

Target:	TNFRSF1A
Alternative Name:	TNFR1 (TNFRSF1A Products)
Gene ID:	21937
NCBI Accession:	NP_035739
UniProt:	P25118
Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , Hepatitis C , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL mouse TNFR1 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 or serum to each empty well. It is recommended that each mouse TNFR1 standard solution and each sample be measured in duplicate. ELISA Dilution: 15.6pg/mL-1000pg/mL
Sample Volume:	100 µL
Plate:	Pre-coated

Application Details

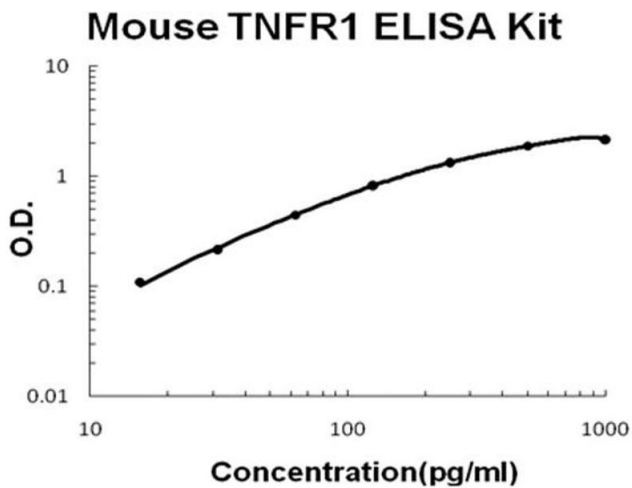
Restrictions: For Research Use only

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 TNFR1 Accusignal ELISA Kit Mouse TNFR1 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.