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Datasheet for ABIN6720117

## TNFSF13 ELISA Kit

### 1 Image

#### Overview

Quantity:	1 kit
Target:	TNFSF13
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 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:	<p>Synonyms: A proliferation-inducing ligand, APRIL, CD256, TALL-2, TALL2, TNF- and APOL-related leukocyte expressed ligand 2, TNF-related death ligand 1, TNF13_HUMAN, TNFSF13, TRDL-1, Tumor necrosis factor (ligand) superfamily member 13, Tumor necrosis factor ligand superfamily member 13, Tumor necrosis factor like protein ZTNF2, Tumor necrosis factor related death ligand 1, ZTNF2</p> <p>Background: Tumor necrosis factor ligand superfamily member 13(TNFSF13) also known as a proliferation-inducing ligand(APRIL) is a protein that in humans is encoded by the TNFSF13 gene. TNFSF13 has also been designated CD256(cluster of differentiation 256). The protein</p>

## Product Details

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encoded by this gene is a member of the tumor necrosis factor ligand(TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vivo experiments suggest an important role for APRIL in the long-term survival of plasma cells in the bone marrow. Mice deficient in April showed a reduced ability to support plasma cell survival In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such asTNFRSF6/FAS and TNFRSF14/HVEM. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. The TNFSF13 gene lies 878 bp downstream of the TNFSF12 gene on chromosome 17p13.1.

Gene Name: TNFSF13

Production: Natural and recombinant human TNFSF13. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NS0, Immunogen sequence: A105-L250

## Target Details

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Target:	TNFSF13
Alternative Name:	TNFSF13 - APRIL ( <a href="#">TNFSF13 Products</a> )
Gene ID:	8741
NCBI Accession:	<a href="#">NP_001185551</a>
UniProt:	<a href="#">Q2QBA2</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human TNFSF13 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 human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human TNFSF13 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10000pg/mL

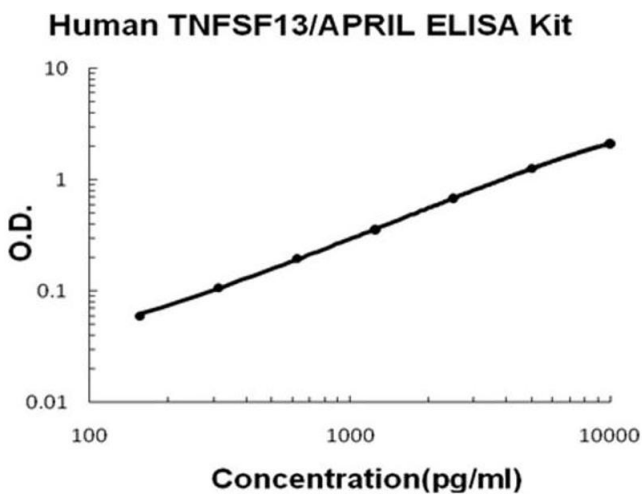
## Application Details

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.** Human TNFSF13/APRIL Accusignal ELISA Kit  
Human TNFSF13/APRIL AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.