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TACI ELISA Kit





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Quantity:	1 kit
Target:	TACI (TNFRSF13B)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	93.7 pg/mL - 6000 pg/mL
Minimum Detection Limit:	93.7 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: CD267, TNFRSF13B, TR13B_HUMAN, Transmembrane activator and CAML interactor, Tumor necrosis factor receptor superfamily member 13B Background: Tumor necrosis factor receptor superfamily member 13B, also known as TNFRSF13B or more commonly as TACI, is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system. TACI controls T cell-independent B cell antibody responses, isotype switching, and B cell homeostasis. TACI is a lymphocyte-specific member of the tumor necrosis factor(TNF) receptor superfamily. It was originally discovered because of its ability to interact with calcium-

modulator and cyclophilin ligand(CAML). TACI was later found to play a crucial role in humoral immunity by interacting with two members of the TNF family: BAFF and APRIL. These proteins signal through TACI inducing activation of several transcription factors including NFAT, AP-1, and NF-kappa-B which then modulate cellular activities. Defects in the function of TACI can lead to immune system diseases.

Gene Name: TNFRSF13B

Production: Natural and recombinant human TNFRSF13B. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: S2-T166

Target Details

Target:	TACI (TNFRSF13B)	
Alternative Name:	TNFRSF13B - TACI (TNFRSF13B Products)	
Gene ID:	23495	
NCBI Accession:	NP_036584	
UniProt:	014836	

Application Details

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 6000pg/mL, 3000pg/mL, 1500pg/mL, 750pg/mL, 419pg/mL, 187.5pg/mL, 93.7pg/m human TNFRSF13B 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 TNFRSF13B standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 93.7pg/mL-6000pg/mL

Sample Volume: 100 µL

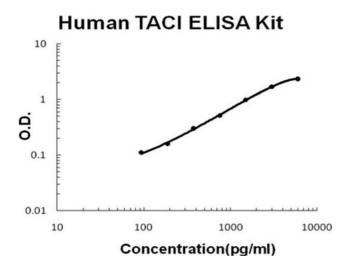
Plate: Pre-coated

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 TNFRSF13B/TACI Accusignal ELISA Kit Human TNFRSF13B/TACI AccuSignal ELISA Kit standard curve. Assay Range: 93.7pg/ml-6000pg/ml. Sensitivity: <10pg/ml.