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TNFRSF4 ELISA Kit





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Overview

Quantity:	1 kit
Target:	TNFRSF4
Reactivity:	Human
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), Serum	
Analytical Method:	Quantitative	
Detection Method:	Colorimetric	
Characteristics:	Synonyms: ACT35, ACT35 antigen, CD134, CD134 antigen, Lymphoid activation antigene ACT35, OX40, OX40 antigen, OX40 cell surface antigen, OX40 homologue, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, TNFRSF4, TNR4_HUMAN, Tumor necrosis factor receptor superfamily member 4, TXGP1L	
	Background: Tumor necrosis factor receptor superfamily, member4, also known as ACT35 or CD134 is a cell surface glycoprotein that was discovered through the production of a monoclonal antibody raised against the HUT-102 cell line. It belongs to the tumor necrosis factor receptor superfamily. CD134 was mapped to 1p36 by fluorescence in situ hybridization.	

CD134 is the primary receptor for feline immunodeficiency virus. CD134 expression can promote viral binding and renders cells permissive for viral entry, productive infection, and syncytium formation. Stimulating the receptor can improve the response to a powerful virus vector and may be useful in vaccine development.

Gene Name: TNFRSF4

Production: Natural and recombinant human TNFRSF4. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L29-A216

Target Details

Target:	TNFRSF4
Alternative Name:	TNFRSF4 - OX40 (TNFRSF4 Products)
Gene ID:	7293
NCBI Accession:	NP_003318
UniProt:	P43489
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application N	Notes:	Application	Note:	Useful	in	Sa

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 human TNFRSF4 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 and plasma(heparin, EDTA) to each empty well. It is recommended that each human TNFRSF4 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 31.2pg/mL-2000pg/mL

Sample Volume: 100 µL

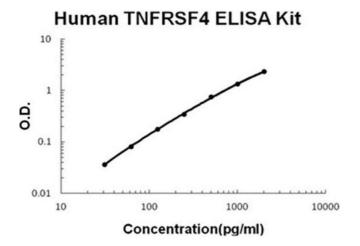
Plate: Pre-coated

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

Image1. HumanTNFRSF4/OX40AccusignalELISAKitHumanTNFRSF4/OX40AccuSignalELISAKitstandardcurve.AssayRange: 31.2pg/ml-2000pg/ml.Sensitivity: <10pg/ml.</td>