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Datasheet for ABIN6720322 TNFSF14 ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	TNFSF14
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), Saliva, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: CD258, Delta transmembrane LIGHT, Herpes virus entry mediator ligand, Herpesvirus entry mediator A, Herpesvirus entry mediator ligand, HVEM L, HVEM-L, HVEML, Ligand for herpesvirus entry mediator, LTg, TNF14_HUMAN, Tnfsf14, Tumor necrosis factor (ligand) superfamily member 14, Tumor necrosis factor ligand superfamily member 14, Tumor necrosis factor receptor like 2, Tumor necrosis factor superfamily member LIGHT Background: Tumor necrosis factor ligand superfamily member 14 is a protein that in humans is encoded by the TNFSF14 gene. TNFSF14 has also been designated as CD258, as well as LIGHT. It was mapped on chromosome 19p13.3. The protein encoded by this gene is a

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Product Details

member of the tumor necrosis factor(TNF) ligand family. This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. Gene Name: TNFSF14 Production: Natural and recombinant human TNFSF14. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: D74-V240

Target Details

Target:	TNFSF14
Alternative Name:	TNFSF14 - LIGHT (TNFSF14 Products)
Gene ID:	8740
NCBI Accession:	NP_003798
UniProt:	O43557
Pathways:	Cancer Immune Checkpoints

Application Details

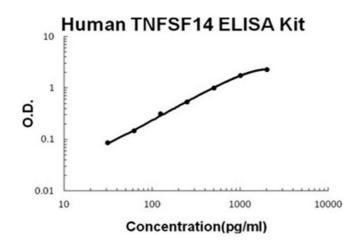
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL,
	31.2pg/mL human TNFSF14 standard solutions into the precoated 96-well plate. Add 0.1 mL of
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of human cell culture supernates, serum, plasma(heparin, EDTA) or saliva to each
	empty well. It is recommended that each human TNFSF14 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

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Handling

Storage:RT,4 °C,-20 °CStorage 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 TNFSF14/LIGHT Accusignal ELISA KitHuman TNFSF14/LIGHT AccuSignal ELISA Kit standardcurve.AssayRange: 31.2pg/ml-2000pg/ml.Sensitivity: <10pg/ml.</td>