



Datasheet for ABIN6720055

TNFSF8 ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	TNFSF8
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, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD153 antigen, CD30 antigen ligand, CD30 L, CD30 ligand, CD30L, CD30LG, MGC138144, TNFSF8, Tumor necrosis factor (ligand) superfamily member 8, Tumor necrosis factor ligand superfamily member 8</p> <p>Background: The human CD30L(CD153) gene is located at 9q33. It contains 4 exons and spans more than 17.1 kb. CD153 is expressed on the surface of B cells and this expression is upregulated upon CD154(CD40LG), IL4, and B-cell receptor engagement. In these cells, engagement of CD153 by T cell CD30 inhibits immunoglobulin class switch recognition as well as IgG, IgA, and IgE production, suggesting that this "reverse signaling" modulates the CD154-</p>

Product Details

dependent switching of B cells into the pool producing IgG, IgA, and IgE. Additionally, recombinant human CD30L enhanced the proliferation of CD3-activated T cells, but induced differential responses, including cell death, in several CD30-positive lymphoma-derived cell lines. The standard product used in this kit is recombinant mouse CD30L with the molecular mass of 30-45KDa.

Gene Name: TNFSF8

Production: Natural and recombinant mouse CD30L. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: Q68-D239

Target Details

Target: TNFSF8

Alternative Name: CD30L ([TNFSF8 Products](#))

Gene ID: 21949

NCBI Accession: [NP_033429](#)

UniProt: [P32972](#)

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, 31.3pg/mL, 15.6pg/mL mouse CD30L 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, serum or plasma (heparin, EDTA) to each empty well. We recommend that each mouse CD30L standard solution and each sample is measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

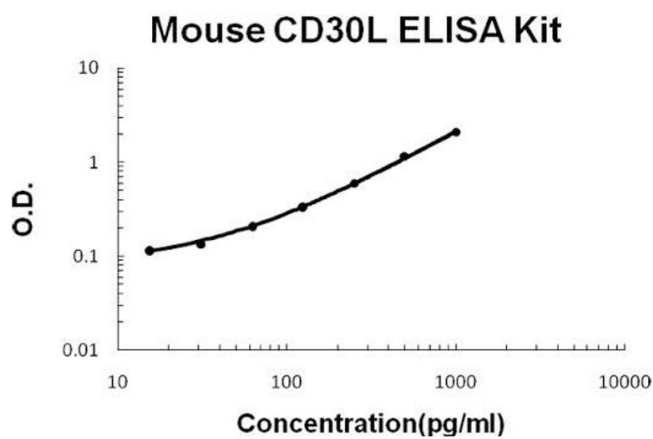
Restrictions: For Research Use only

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. Mouse CD30L Accusignal ELISA Kit Mouse CD30L AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <6pg/ml.