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Datasheet for ABIN6719910 TNFRSF8 ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	TNFRSF8
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:	Synonyms: CD 30, CD153, CD30, CD30 antigen, CD30L receptor, Cytokine receptor CD30,
	D1S166E, KI 1, Ki 1 antigen, Ki-1 antigen, KI1, Lymphocyte activation antigen CD30, TNFRSF 8,
	TNFRSF8, TNFRSF8, TNR8_HUMAN, Tumor Necrosis Factor Receptor Superfamily Member 8,
	Tumor Necrosis Factor Receptor Superfamily Member 8
	Background: CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis
	factor receptor family and tumor marker. This receptor is a positive regulator of apoptosis, and
	also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and
	protect the body against autoimmunity. This gene is mapped to 1p36.22. CD30 is expressed in

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embryonal carcinoma but not in seminoma and is thus a useful marker in distinguishing
between these germ cell tumors. CD30 mast cell activation represents an IgE-independent
activation pathway, which is important for understanding cutaneous inflammation associated
with mast cells. In addition to those, CD30 is also associated with anaplastic large cell
lymphoma.
Gene Name: TNFRSF8
Production: Natural and recombinant human CD30. There is no detectable cross-reactivity with
other relevant proteins.
Standard: Expression system for standard: NSO, Immunogen sequence: F19-K379

Target Details

Target:	TNFRSF8
Alternative Name:	CD30 - TNFRSF8 (TNFRSF8 Products)
Gene ID:	943
NCBI Accession:	NP_001234
UniProt:	P28908

Application Details

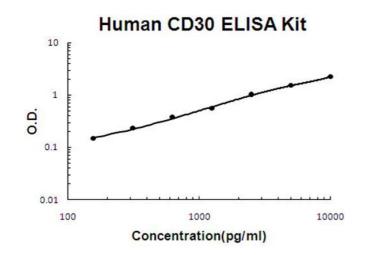
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL,
	313pg/mL, 156pg/mL human CD30 standard solutions into the precoated 96-well plate. Add
	0.1 mL of the sample diluent 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 CD30 standard solution and each
	sample be measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 156pg/mL-10000pg/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 CD30/TNFRSF8 Accusignal ELISA KitHuman CD30/TNFRSF8 AccuSignal ELISA Kit standardcurve.AssayRange: 156pg/ml-10000pg/ml.Sensitivity: <10pg/ml.</td>