

Datasheet for ABIN456421
TNFSF8 ELISA Kit



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Overview

Quantity:	96 tests
Target:	TNFSF8
Binding Specificity:	Soluble
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156-10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the specific measurement of human sCD30L concentrations in cell culture supernates, serum, and plasma.
Sample Type:	Cell Culture Supernatant, Serum, Plasma
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay recognizes recombinant and natural human sCD30L.
Cross-Reactivity (Details):	No significant cross-reactivity or interference was observed.
Characteristics:	Homo sapiens, TNFSF8, Tumor necrosis factor ligand superfamily member 8, CD30 ligand, CD30-L, TNFSF8, CD30L, CD30LG, CD153, CD153

Target Details

Target:	TNFSF8
Alternative Name:	TNFSF8 (TNFSF8 Products)
Background:	<p>The human CD30 ligand, CD153, is a 40kDa Type II transmembrane glycoprotein. It interacts with its receptor, CD30, as a homotrimer Soluble trimeric CD153 binds to membrane-anchored CD30 with a relatively high affinity and is very effective in triggering cell death and TNFα. CD153 is a member of the TNF superfamily which is primarily expressed by activated T cells, B cells and monocytes. Its function in programmed cell death has been proven, as well as its involvement in disorders like a variety of lymphoid malignancies like Hodgkin's disease and anaplastic large cell lymphoma.</p>

Application Details

Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	<p>This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for sCD30L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD30L present is bound by the immobilized antibody. An enzyme-linked monoclonal antibody specific for sCD30L is added to the wells. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sCD30L bound in the initial step. The color development is stopped and the intensity of the color is measured.</p>
Restrictions:	For Research Use only

Handling

Storage:	4 °C/-20 °C
Storage Comment:	The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 °C upon being received. The other reagents can be stored at 4 °C.