

Datasheet for ABIN6719883
CD56 ELISA Kit[Go to Product page](#)

1 Image

Overview

Quantity:	1 kit
Target:	CD56 (NCAM1)
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 Lysate, Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD56, N-CAM-1, NCAM-1, NCAM1, NCAM1_HUMAN, Neural cell adhesion molecule 1</p> <p>Background: Neural Cell Adhesion Molecule, NCAM, also known as the cluster of differentiation CD56, is a hemophilic binding glycoprotein. It is a glycoprotein of Immunoglobulin(Ig) super family. At least 27 alternatively spliced NCAM mRNAs are produced, giving a wide diversity of NCAM isoforms NCAM gene is located at 11q22-q23. This glycoprotein is mainly expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated</p>

Product Details

as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.

Gene Name: NCAM1

Production: Natural and recombinant human CD56. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L20-G718

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	CD56 - NCAM-1 (NCAM1 Products)
Gene ID:	4684
NCBI Accession:	NP_000606
UniProt:	P13591

Application Details

Application Notes:	<p>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, 312pg/mL, 156pg/mL human CD56 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. We recommend that each human CD56 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 156 pg/mL-10000 pg/mL</p> <p>Other Performance Data: DOE, 2-8° C - 3/3/18 -20° C - 9/1/18</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

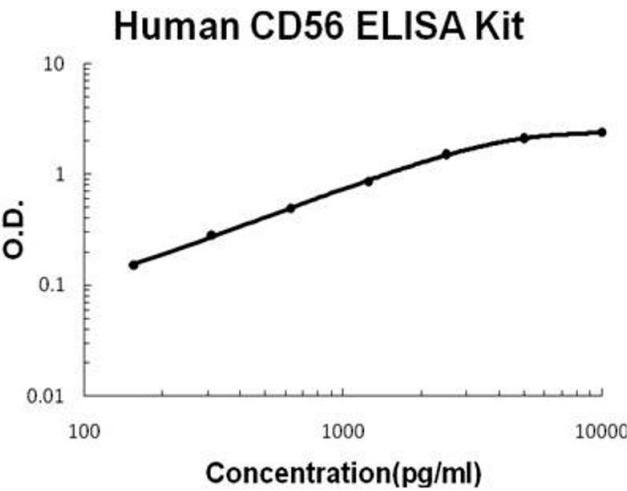
Handling

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

Handling

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 CD56/NCAM-1 Accusignal ELISA Kit Human CD56/NCAM-1 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.