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Datasheet for ABIN6720074 CD6 ELISA Kit

Overview

Quantity:	1 kit
Target:	CD6
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:	<p>Synonyms: CD_antigen=CD6, CD6, CD6 antigen Tp120, CD6 Molecule, CD6_HUMAN, FLJ44171, OX52, T cell differentiation antigen CD6, T-cell differentiation antigen CD6, T12, TP120</p> <p>Background: CD6(Cluster of Differentiation 6) is a human protein encoded by the CD6 gene. It is mapped to 11q12.2. CD6 is expressed predominantly in peripheral T cells and mature medullary thymocytes. This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich(SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. What's more, this</p>
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Product Details

gene may be associated with susceptibility to multiple sclerosis.

Gene Name: CD6

Production: Natural and recombinant human CD6. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: H18-E398

Target Details

Target: CD6

Alternative Name: soluble CD6 ([CD6 Products](#))

Gene ID: 923

NCBI Accession: [NP_001241679](#)

UniProt: [P30203](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human CD6 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 CD6 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10,000pg/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.