

Datasheet for ABIN6720105
ICAM-3/CD50 ELISA Kit[Go to Product page](#)

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Overview

Quantity:	1 kit
Target:	ICAM-3/CD50 (ICAM3)
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: CD50, CD50 antigen, CDW50, ICAM 3, ICAM R, ICAMR, Intercellular adhesion molecule 3, Intercellular adhesion molecule 3 precursor</p> <p>Background: Intercellular adhesion molecule 3(ICAM3) also known as CD50(Cluster of Differentiation 50), is a human gene. The protein encoded by this gene is a member of the intercellular adhesion molecule(ICAM) family. ICAM3 is closely related to ICAM1, consists of 5 immunoglobulin domains, and binds LFA1 through its 2 N-terminal domains. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion</p>
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Product Details

molecule, but also as a potent signalling molecule. ICAM3 has been shown to interact with EZR and Moesin.

Gene Name: ICAM3

Production: Natural and recombinant human ICAM-3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: Q30-H485, homodimer

Target Details

Target: ICAM-3/CD50 (ICAM3)

Alternative Name: ICAM-3 ([ICAM3 Products](#))

Gene ID: 3385

NCBI Accession: [NP_002153](#)

UniProt: [P32942](#)

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, 312pg/mL, 156pg/mL human ICAM-3 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 ICAM-3 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

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.

