## .-online.com antibodies

# Datasheet for ABIN6720105 ICAM-3/CD50 ELISA Kit

Image



#### 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:	Synonyms: CD50, CD50 antigen, CDW50, ICAM 3, ICAM R, ICAMR, Intercellular adhesion molecule 3, Intercellular adhesion molecule 3 precursor 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	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720105 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 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

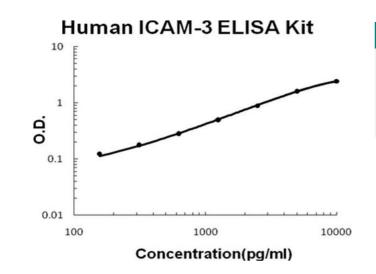
Target:	ICAM-3/CD50 (ICAM3)
Alternative Name:	ICAM-3 (ICAM3 Products)
Gene ID:	3385
NCBI Accession:	NP_002153
UniProt:	P32942

#### 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	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6720105 | 09/10/2023 | Copyright antibodies-online. All rights reserved. prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



IC A
SF

**Image 1.** Human ICAM-3 Accusignal ELISA Kit Human ICAM-3 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6720105 | 09/10/2023 | Copyright antibodies-online. All rights reserved.