

Human ICAM-3 ELISA Kit

Catalog No: #EK5424



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Description

Product Name	Human ICAM-3 ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,Q30-H485,homodimer
Other Names	Intercellular adhesion molecule 3; ICAM-3; CDw50; ICAM-R; CD50; ICAM3;
Accession No.	P32942
Uniprot	P32942
GeneID	3385;
Cell Localization	Membrane; Single-pass type I membraneprotein.

Application Details

sensitivity:10pg mlDetect Range:156pg ml-10 000pg ml
sample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).
capture_antibody:monoclonal antibody from mousedetection_antibody:polyclonal antibody from goatgene_name:ICAM3protein_name:Inter cellular adhesion molecule 3
gene_full_name:Inter cellular adhesion molecule 3tissue_specificity:sequence_similarities:Belongs to the immunoglobulin superfamily. ICAM family.
tmb_incubation:25-30minresearch_category:signal transduction|protein phosphorylation|pser / pthr|adapters|transmembrane|immunology|cell type markers|cd|adhesion

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human ICAM-3

Background

protein_function: ICAM proteins are ligands for the leukocyte adhesionprotein LFA-1 (integrin alpha-L,beta-2). ICAM3 is also a ligandfor integrin alpha-D,beta-2.
Inter cellular 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 inter cellular 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 molecule, but also as a potent signalling molecule. ICAM3 has been shown to interact with EZR and Moesin.

Note: This product is for in vitro research use only