

Human ICAM4 ELISA Kit | ICAM4 elisa kit

Human ICAM4 ELISA Kit PicoKine

CATALOG # AAA127971	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

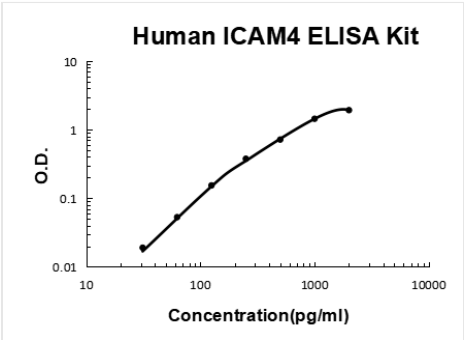
ICAM4; Human ICAM4 ELISA Kit PicoKine; ICAM4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	31.2pg/ml-2,000pg/ml
Sensitivity	<15pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: A31-A240
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for ICAM4 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)031.262.51252505001,0002,000O.D.0.0380.0570.0910.1920.4150.7561.4831.967
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)4916365352176774Standard deviation3.4310.638.533.029.542.57CV(%)7%6.5%5.9%5.8%5.4%5.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 149453947452.665.9%Sample 21631461591701607.54.7%Sample 365363264467965236.515.6%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human ICAM4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ICAM4 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for ICAM4 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504561
NCBI GeneID	3386
NCBI Accession #	NP_001535.1
NCBI GenBank Nucleotide #	NM_001544.5
UniProt Accession #	Q14773 ; Q14771 ; Q14772 ; Q16375 ; Q9BWR0 ; A0M8X2
Molecular Weight	25,931 Da
NCBI Official Full Name	intercellular adhesion molecule 4 isoform 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)
NCBI Official Symbol	ICAM4
NCBI Official Synonym Symbols	LW; CD242
NCBI Protein Information	intercellular adhesion molecule 4
UniProt Protein Name	Intercellular adhesion molecule 4
UniProt Gene Name	ICAM4
UniProt Synonym Gene Names	LW; ICAM-4; LW blood group protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

