

Human Intercellular adhesion molecule 4 ELISA Kit | ICAM-4 elisa kit

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CATALOG #
AAA101557

REACTIVITY
Human

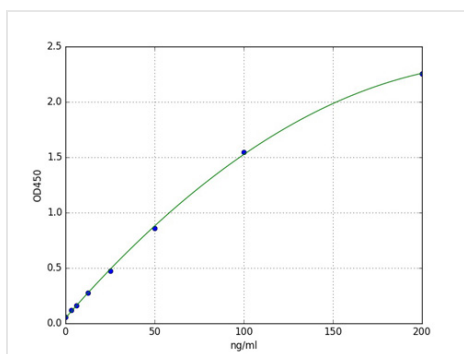
PRODUCT SYNONYMS

Intercellular adhesion molecule 4; Human Intercellular adhesion molecule 4 ELISA Kit; ICAM-4/Intercellular adhesion molecule 4/LW/Landsteiner-Weiner blood system/Landsteiner-Wiener blood group/Landsteiner-Wiener blood group glycoprotein/LW blood group protein/CD242; ICAM-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	271
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human ICAM-4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.032	0.117	0.212	0.407	0.749	1.210	1.787	2.401

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM-4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ICAM-4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ICAM-4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ICAM-4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ICAM-4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504561
NCBI GeneID	3386
NCBI Accession #	NP_001535.1
NCBI GenBank Nucleotide #	NM_001544.4
Molecular Weight	29,649 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
UniProt Entry Name	ICAM4_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/icam-4-human-elisa-kits/intercellular-adhesion-molecule-4/101557>