

Human ICAM5 ELISA Kit | ICAM5 elisa kit

Human ICAM5 PicoKine ELISA Kit

CATALOG #
AAA46698

REACTIVITY
Human

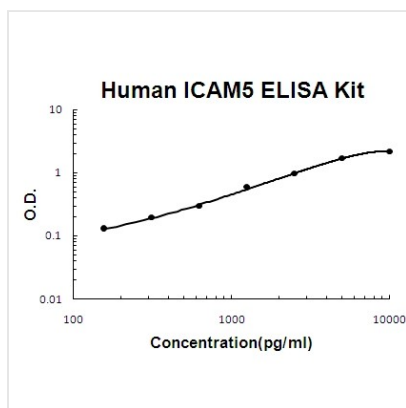
PRODUCT SYNONYMS

ICAM5; Human ICAM5 PicoKine ELISA Kit; Telencephalin; TLCN; TLN; Q9UMF0; Intercellular adhesion molecule 5; ICAM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ICAM5
Sequence Length	924
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<15pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human ICAM5 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ICAM5 elisa kit	Principle of the Assay: Human ICAM5 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for ICAM5 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: A28-E570) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for ICAM5 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 ICAM5 amount of sample captured in plate. Background/Introduction: Intercellular adhesion molecule 5 is a protein that in humans is encoded by the ICAM5 gene. The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189571583
NCBI GeneID	7087
NCBI Accession #	NP_003250.3
NCBI GenBank Nucleotide #	NM_003259.3
UniProt Accession #	Q9UMF0; Q9Y6F3
Molecular Weight	97,116 Da
NCBI Official Full Name	intercellular adhesion molecule 5
NCBI Official Synonym Full Names	intercellular adhesion molecule 5
NCBI Official Symbol	ICAM5
NCBI Official Synonym Symbols	TLN; TLCN
NCBI Protein Information	intercellular adhesion molecule 5
UniProt Protein Name	Intercellular adhesion molecule 5
UniProt Gene Name	ICAM5
UniProt Synonym Gene Names	TLCN; TLN; ICAM-5
UniProt Entry Name	ICAM5_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.