

Human Intercellular Adhesion Molecule 5 (ICAM5) ELISA Kit | ICAM5 elisa kit

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CATALOG #
AAA67345

REACTIVITY
Human

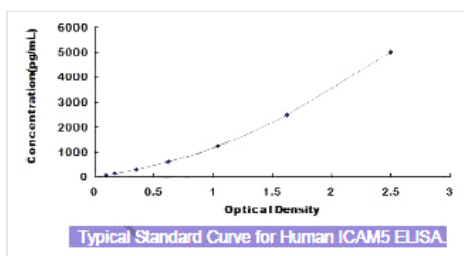
PRODUCT SYNONYMS

Intercellular Adhesion Molecule 5 (ICAM5); Human Intercellular Adhesion Molecule 5 (ICAM5) ELISA Kit; TLCN; TLN; Telencephalin; ICAM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ICAM5. No significant cross-reactivity or interference between ICAM5 and analogues was observed.
Sequence Length	924
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.068ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ICAM5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ICAM5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ICAM5 in human serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ICAM5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ICAM5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ICAM5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ICAM5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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

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/human-elisa-kits/intercellular-adhesion-molecule-5-icam5/67345>