

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

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CATALOG #
AAA67263

REACTIVITY
Mouse

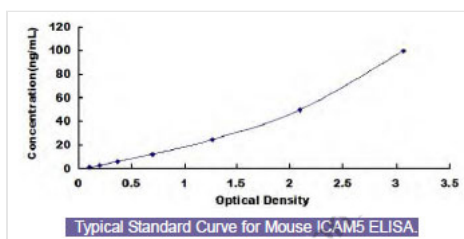
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	917
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.57ng/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 mouse serum, plasma, tissue homogenates 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 #	159110562
NCBI GeneID	15898
NCBI Accession #	NP_032345.2
NCBI GenBank Nucleotide #	NM_008319.2
UniProt Accession #	Q60625; Q2KHL7; Q3UY19; G5E826
Molecular Weight	96,946 Da
NCBI Official Full Name	intercellular adhesion molecule 5
NCBI Official Synonym Full Names	intercellular adhesion molecule 5, telencephalin
NCBI Official Symbol	Icam5
NCBI Official Synonym Symbols	TLN; CD50; Tlcn; Icam3; ICAM-3
NCBI Protein Information	intercellular adhesion molecule 5
UniProt Protein Name	Intercellular adhesion molecule 5
UniProt Gene Name	Icam5
UniProt Synonym Gene Names	Icam3; Tlcn; 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.