

Human intercellular adhesion molecule 3 ELISA Kit | ICAM3 elisa kit

Human intercellular adhesion molecule 3, ICAM-3 ELISA Kit

CATALOG #
AAA80321

REACTIVITY
Human

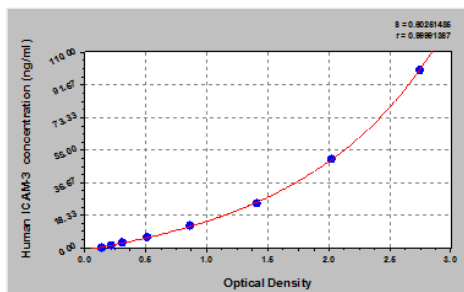
PRODUCT SYNONYMS

intercellular adhesion molecule 3; Human intercellular adhesion molecule 3; ICAM-3 ELISA Kit; CD50; CDW50; ICAM-R; intercellular adhesion molecule-3; ICAM3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ICAM-3. No significant cross-reactivity or interference between human ICAM-3 and analogues was observed.
Sequence Length	547
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of human ICAM-3 is typically less than 0.39 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICAM3 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ICAM-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ICAM-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ICAM-3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ICAM-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167466207
NCBI GeneID	3385
NCBI Accession #	NP_002153.2
NCBI GenBank Nucleotide #	NM_002162.3
UniProt Accession #	P32942; Q6PD68
Molecular Weight	59,541 Da
NCBI Official Full Name	intercellular adhesion molecule 3
NCBI Official Synonym Full Names	intercellular adhesion molecule 3
NCBI Official Symbol	ICAM3
NCBI Official Synonym Symbols	CD50; CDW50; ICAM-R
NCBI Protein Information	intercellular adhesion molecule 3; ICAM-3; intercellular adhesion molecule-3
UniProt Protein Name	Intercellular adhesion molecule 3
UniProt Gene Name	ICAM3
UniProt Synonym Gene Names	ICAM-3
UniProt Entry Name	ICAM3_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/icam3-human-elisa-kits/intercellular-adhesion-molecule-3/80321>