

Mouse C-type lectin domain family 18, member A ELISA Kit | CLEC18A elisa kit

Mouse C-type lectin domain family 18 member A, CLEC18A ELISA Kit

CATALOG #
AAA112534

REACTIVITY
Mouse

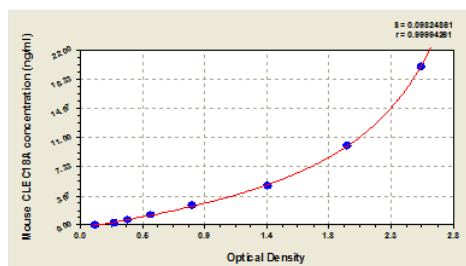
PRODUCT SYNONYMS

C-type lectin domain family 18; member A; Mouse C-type lectin domain family 18 member A; CLEC18A ELISA Kit; Mouse C-type lectin domain family 18 member A (CLEC18A) ELISA kit; FLJ77955; MGC164804; MRCL; MRCL1; mannose receptor-like 1; secretory protein LOC348174; CLEC18A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CLEC18A. No significant cross-reactivity or interference between mouse CLEC18A and analogues was observed.
Sequence Length	504
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of mouse CLEC18A is typically less than 0.078 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 CLEC18A elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLEC18A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLEC18A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLEC18A 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 CLEC18A 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 #	568957095
NCBI GeneID	353287
NCBI Accession #	XP_006531206.1
NCBI GenBank Nucleotide #	XM_006531143.1
UniProt Accession #	Q7TSQ1; Q7TMA7; Q7TSP9; Q7TSQ0; Q7TSQ7
Molecular Weight	58,585 Da
NCBI Official Full Name	C-type lectin domain family 18 member A isoform X3
NCBI Official Synonym Full Names	C-type lectin domain family 18, member A
NCBI Official Symbol	Clec18a
NCBI Official Synonym Symbols	Mrcl
NCBI Protein Information	C-type lectin domain family 18 member A; mannose receptor-like protein
UniProt Protein Name	C-type lectin domain family 18 member A
UniProt Gene Name	Clec18a
UniProt Synonym Gene Names	Mrcl; Mrlp
UniProt Entry Name	CL18A_MOUSE

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/clec18a-mouse-elisa-kits/c-type-lectin-domain-family-18-member-a/112534>