

Mouse Macrophage Derived Chemokine (MDC) ELISA Kit | MDC elisa kit

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CATALOG #
AAA66995

REACTIVITY
Mouse

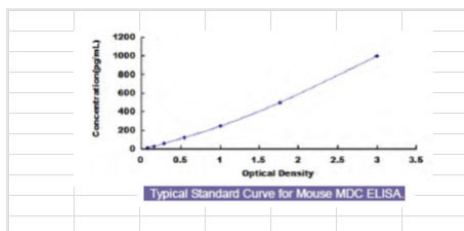
PRODUCT SYNONYMS

Macrophage Derived Chemokine (MDC); Mouse Macrophage Derived Chemokine (MDC) ELISA Kit; CCL22; ABCD1; DC/B-CK; SCYA22; STCP1; Chemokine C-C-Motif Ligand 22; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 22; Stimulated T-Cell Chemotactic Protein 1; MDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MDC. No significant cross-reactivity or interference between MDC and analogues was observed.
Sequence Length	773
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MDC 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 MDC 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 MDC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MDC in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MDC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MDC. 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 MDC, 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 MDC 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 #	160707883
NCBI GeneID	11488
NCBI Accession #	NP_033743.2
NCBI GenBank Nucleotide #	NM_009613.3
UniProt Accession #	Q9R1V4; A2AUA8
Molecular Weight	84,134 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 11 isoform 2 preproprotein
NCBI Official Synonym Full Names	a disintegrin and metalloproteinase domain 11
NCBI Official Symbol	Adam11
NCBI Official Synonym Symbols	Mdc; AW060611
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 11
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 11
UniProt Gene Name	Adam11
UniProt Synonym Gene Names	Mdc; ADAM 11; MDC

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/mouse-elisa-kits/macrophage-derived-chemokine-mdc/66995>