

Mouse MDC/CCL22 ELISA Kit | MDC/CCL22 elisa kit

Mouse MDC/CCL22 (Macrophage-Derived Chemokine) ELISA Kit

CATALOG #
AAA165338

REACTIVITY
Mouse

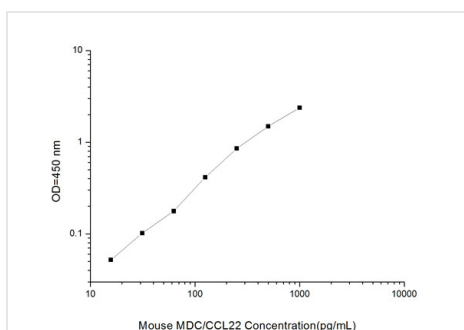
PRODUCT SYNONYMS

MDC/CCL22; Mouse MDC/CCL22 (Macrophage-Derived Chemokine) ELISA Kit; MDC/CCL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse MDC/CCL22. No significant cross-reactivity or interference between Mouse MDC/CCL22 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse MDC/CCL22 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	92
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDC/CCL22 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MDC/CCL22 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse MDC/CCL22. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse MDC/CCL22 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse MDC/CCL22, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse MDC/CCL22. You can calculate the concentration of Mouse MDC/CCL22 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26094302
NCBI GeneID	117551
Molecular Weight	10,391 Da
NCBI Official Full Name	macrophage-derived chemokine CCL22
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 22
NCBI Official Symbol	Ccl22
NCBI Official Synonym Symbols	Mdc; Scya22
NCBI Protein Information	C-C motif chemokine 22; small inducible cytokine A22; small inducible cytokine subfamily A (Cys-Cys) member 22; small inducible cytokine subfamily A (Cys-Cys), member 22
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	MDC
UniProt Entry Name	Q91ZH5_RAT

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.