

Mouse Macrophage derived chemokine ELISA Kit | MDC/CCL22 elisa kit

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CATALOG #
AAA85689

REACTIVITY
Mouse

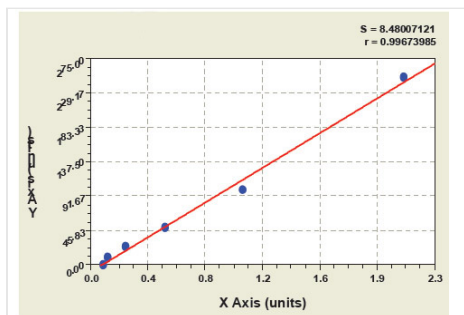
PRODUCT SYNONYMS

Macrophage derived chemokine; Mouse Macrophage derived chemokine ELISA Kit; MDC/CCL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This MDC/CCL22 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse MDC/CCL22. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDC/CCL22 elisa kit

Principle of the Assay: MDC/CCL22 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for MDC/CCL22. Standards or samples are then added to the microtiter plate wells and MDC/CCL22 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MDC/CCL22 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for MDC/CCL22 are added to each well to "sandwich" the MDC/CCL22 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain MDC/CCL22 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MDC/CCL22 concentration in each sample is interpolated from this standard curve.

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	Macrophage-derived chemokine CCL22
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.

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Online datasheet: <https://stage.aaabiotech.com/mdc-ccl22-mouse-elisa-kits/macrophage-derived-chemokine/85689>