

Mouse chemokine (C-C motif) ligand 22 ELISA Kit | CCL22 elisa kit

Mouse Macrophage-Derived Chemokine, MDC ELISA Kit

CATALOG #
AAA79956

REACTIVITY
Mouse

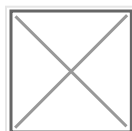
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 22; Mouse Macrophage-Derived Chemokine; MDC ELISA Kit; Mouse Macrophage-Derived Chemokine (MDC/CCL22) ELISA kit; A-152E5.1; ABCD-1; DC/B-CK; MDC; MGC34554; SCYA22; STCP-1; CC chemokine STCP-1; macrophage-derived chemokine; small inducible cytokine A22; small inducible cytokine subfamily A (Cys-Cys); member 22; sti; Mouse Macrophage-Derived Chemokine (MDC/CCL22); CCL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MDC. No significant cross-reactivity or interference between mouse MDC and analogues was observed.
Sequence Length	92
Samples	Serum, plasma, tissue homogenates, cell culture supernates, Cell lysates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of mouse MDC is typically less than 7.8 pg/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 CCL22 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MDC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MDC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MDC 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 MDC bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677879
NCBI GeneID	20299
NCBI Accession #	NP_033163.1
NCBI GenBank Nucleotide #	NM_009137.2
UniProt Accession #	O88430
Molecular Weight	10,302 Da
NCBI Official Full Name	C-C motif chemokine 22
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 22
NCBI Official Symbol	Ccl22
NCBI Official Synonym Symbols	MDC; DCBCK; ABCD-1; Scya22
NCBI Protein Information	C-C motif chemokine 22; CC chemokine ABCD-1; small-inducible cytokine A22; activated B and dendritic cell-derived; small inducible cytokine subfamily A22; dendritic cell and B cell derived chemokine; small inducible cytokine subfamily A, member 22; SMALL INDUCIBLE CYTOKINE A22 PRECURSOR (CC CHEMOKINE ABCD-1) (ACTIVATED B AND DENDRITIC CELL-DERIVED)
UniProt Protein Name	C-C motif chemokine 22
UniProt Gene Name	Ccl22
UniProt Synonym Gene Names	Abcd1; Scya22
UniProt Entry Name	CCL22_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/ccl22-mouse-elisa-kits/chemokine-c-c-motif-ligand-22/79956>