

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

Human Macrophage-Derived Chemokine, MDC/CCL22 ELISA Kit

CATALOG #
AAA80272

REACTIVITY
Human

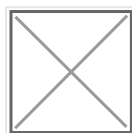
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 22; Human Macrophage-Derived Chemokine; MDC/CCL22 ELISA Kit; Human 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; Human Macrophage-Derived Chemokine (MDC/CCL22); CCL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CCL22. No significant cross-reactivity or interference between Human CCL22 and analogues was observed.
Sequence Length	93
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.625 pg/ml-1000 pg/ml
Sensitivity	10.324pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cytokine
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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22538804
NCBI GeneID	6367
NCBI Accession #	NP_002981.2
NCBI GenBank Nucleotide #	NM_002990.4
UniProt Accession #	O00626; A0N0Q6; B2R4W2
Molecular Weight	10,625 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; ABCD-1; SCYA22; STCP-1; DC/B-CK; A-152E5.1
NCBI Protein Information	C-C motif chemokine 22; MDC(1-69); CC chemokine STCP-1; macrophage-derived chemokine; small inducible cytokine A22; small-inducible cytokine A22; stimulated T cell chemotactic protein 1; stimulated T-cell chemotactic protein 1; small inducible cytokine subfamily A (Cys-Cys), member 22
UniProt Protein Name	C-C motif chemokine 22
UniProt Gene Name	CCL22
UniProt Synonym Gene Names	MDC; SCYA22; A-152E5.1
UniProt Entry Name	CCL22_HUMAN

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-human-elisa-kits/chemokine-c-c-motif-ligand-22/80272>