

Human Macrophage Derived Chemokine ELISA Kit | MDC elisa kit

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CATALOG #
AAA101161

REACTIVITY
Human

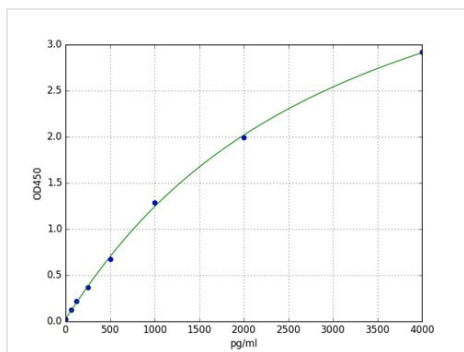
PRODUCT SYNONYMS

Macrophage Derived Chemokine; Human Macrophage Derived Chemokine ELISA Kit; MDC/CCL22/ABCD-1/MDC/STCP-1/A-152E5.1/ABCD-1/CC chemokine STCP-1/C-C motif chemokine 22/chemokine (C-C motif) ligand 22/DC/B-CK/Macrophage-derived chemokine/MDCStimulated T-cell chemotactic protein 1/MGC34554/SCYA22MDC (1-69)/small inducible cytokine A22/small inducible cytokine subfamily A (Cys-Cys); member 22/Small-inducible cytokine A22/STCP-1/stimulated T cell chemotactic protein 1; MDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	93
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MDC ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.017	0.066	0.091	0.138	0.285	0.512	1.097	2.055

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MDC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MDC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MDC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MDC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1931581
NCBI GeneID	6367
Molecular Weight	10,625 Da
NCBI Official Full Name	macrophage-derived chemokine
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
UniProt Protein Name	C-C motif chemokine 22
UniProt Gene Name	CCL22
UniProt Synonym Gene Names	MDC; SCYA22
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mdc-human-elisa-kits/macrophage-derived-chemokine/101161>