

Human Chemokine C C Motif Ligand 22 ELISA Kit | CCL22 elisa kit

Human Chemokine C C Motif Ligand 22 ELISA Kit

CATALOG #
AAA95525

REACTIVITY
Human

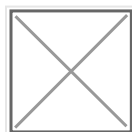
PRODUCT SYNONYMS

Chemokine C C Motif Ligand 22; Human Chemokine C C Motif Ligand 22 ELISA Kit; CCL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250- 5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL22 elisa kit

Intended Uses: This CCL22 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCL22. This ELISA kit for research use only!

Principle of the Assay: CCL22 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL22 antibody and an CCL22-HRP conjugate. The assay sample and buffer are incubated together with CCL22-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCL22 concentration since CCL22 from samples and CCL22-HRP conjugate compete for the anti-CCL22 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL22 from the sample, fewer sites are left to bind CCL22-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL22 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCL22 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI

22538804

NCBI GeneID	6367
NCBI Accession #	NP_002981.2
NCBI GenBank Nucleotide #	NM_002990.4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ccl22-human-elisa-kits/chemokine-c-c-motif-ligand-22/95525>