

## Human C-C motif chemokine 22 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2062-2P

**Description:** The human C-C motif chemokine 22 (CCL22) or Macrophage-derived chemokine (MDC) Kit is a sandwich ELISA. The capture antibody is a monoclonal human CCL22 antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known CCL22 concentration are added to these wells and allowed to complex with the bound CCL22 antibody. A biotinylated human CCL22 polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of CCL22 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human CCL22 in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** C-C motif chemokine 22; CC chemokine STCP-1; MDC(1-69); Macrophage-derived chemokine; MDC; Small-inducible cytokine A22; Stimulated T-cell chemotactic protein 1; CCL22; SCYA22;

**Accession:** O00626 CCL22\_HUMAN;

**Specificity:** Human C-C motif chemokine 22 (CCL22)

**Storage:** Store at 4°C

**Kit components:** The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

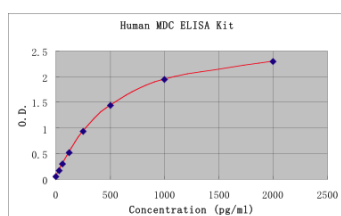
**Range:** 31.2 pg/ml - 2,000 pg/ml; 15.6 pg/ml - 1,000 pg/ml

**Sensitivity:** < 1 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

Typical Human MDC ELISA Kit Standard Curve  
(TMB reaction incubated at 37°C for 13 min)

Concentration (pg/ml)	0.0	31.3	62.5	125	250	500	1000	2000
O.D.	0.048	0.162	0.296	0.513	0.928	1.438	1.948	2.294



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY