

Human CCL4 ELISA Kit

Catalog No. CKH169

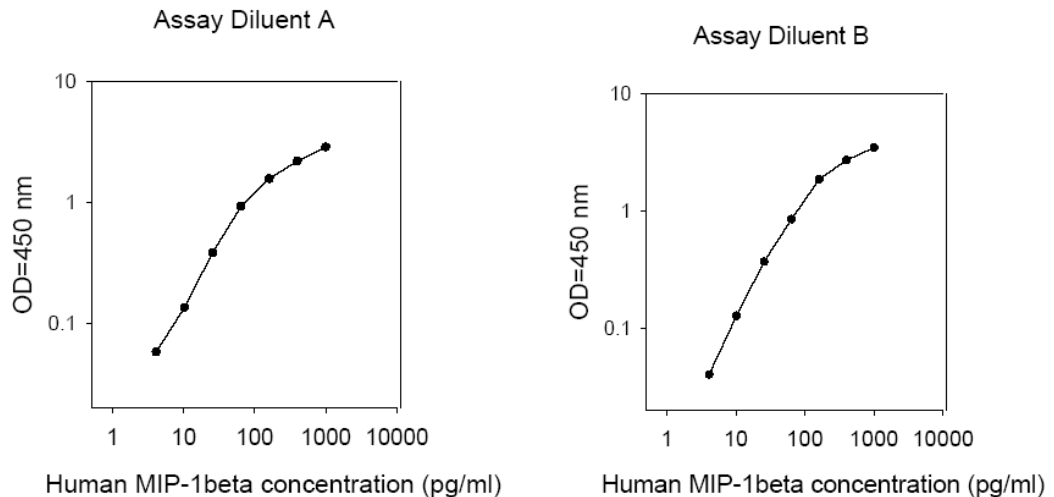
Quantity: 1 x 96 tests

Alternate Names: Chemokine Ligand 4, MIP1-beta, ACT2, LAG1, MIP1B, SCYA2, SCYA4

Description This assay employs an antibody specific for human CCL4 coated on a 96-well plate. Standards and samples are pipetted into the wells and MIP-beta present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human CCL4 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CCL4 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Application The Cell Sciences Human CCL4 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an *in vitro* enzyme-linked immunosorbent assay for the quantitative measurement of human CCL4 in serum, plasma, cell culture supernatants and urine.

Typical Data



Sensitivity The minimum detectable dose of CCL4 is typically less than 2.5 pg/ml.

Recovery Determined by spiking various levels of human CCL4 into human serum, plasma, and cell culture media. Mean recoveries are as follows:

Sample Type	Average % Recovery	Range (%)
Serum	95.64	82-102
Plasma	94.32	83-103
Cell culture media	97.42	85-104



Linearity

Sample Type		Serum	Plasma	Cell culture media
1:2	Avg. % of Expected Range (%)	93 83-103	92 82-102	94 83-102
1:4	Avg. % of Expected Range (%)	96 85-104	95 84-104	102 86-105
1:8	Avg. % of Expected Range (%)	95 84-103	94 82-102	98 84-103

Reproducibility Intra-Assay: CV < 10%
Inter-Assay: CV < 12%

**Storage and
Stability**

- Product can be stored for up to 5 months from date of receipt at 2-4°C.
- Standard (recombinant protein) should be stored at -20°C or -80°C after reconstitution.
- Opened Microplate Wells and reagents can be stored for up to one month at 2-4°C.

NOT FOR HUMAN USE. FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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