

Human C-C motif chemokine 8 ELISA Kit | CCL8 elisa kit

Human C-C motif chemokine 8 ELISA Kit

CATALOG #
AAA99501

REACTIVITY
Human

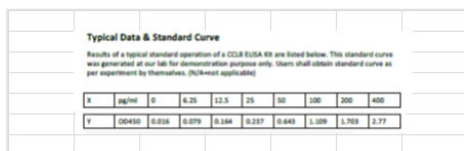
PRODUCT SYNONYMS

C-C motif chemokine 8; Human C-C motif chemokine 8 ELISA Kit; CCL8/MCP-2 (Monocyte Chemotactic Protein 2); CCL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL8. No significant cross-reactivity or interference between CCL8 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between CCL8 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	99
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	6.25-400pg/ml
Sensitivity	3.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCL8 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCL8 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for CCL8 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CCL8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CCL8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 CCL8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CCL8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538816
NCBI GeneID	6355
NCBI Accession #	NP_005614.2
NCBI GenBank Nucleotide #	NM_005623.2
Molecular Weight	11,246 Da
NCBI Official Full Name	C-C motif chemokine 8
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	CCL8
NCBI Official Synonym Symbols	HC14; MCP2; MCP-2; SCYA8; SCYA10
NCBI Protein Information	C-C motif chemokine 8
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	CCL8
UniProt Synonym Gene Names	MCP2; SCYA10; SCYA8; MCP-2
UniProt Entry Name	CCL8_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/ccl8-human-elisa-kits/c-c-motif-chemokine-8/99501>