

Human MCP-4/CCL13 ELISA Kit | MCP-4/CCL13 elisa kit

Human MCP-4/CCL13 (Monocyte Chemotactic Protein 4) ELISA Kit

CATALOG #
AAA164489

REACTIVITY
Human

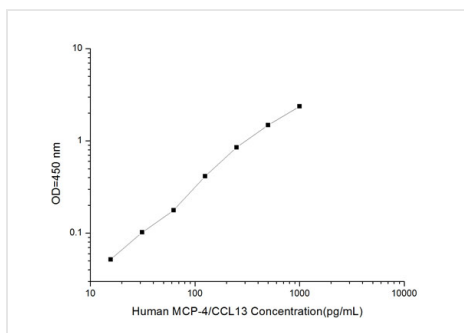
PRODUCT SYNONYMS

MCP-4/CCL13; Human MCP-4/CCL13 (Monocyte Chemotactic Protein 4) ELISA Kit; MCP-4/CCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MCP-4/CCL13. No significant cross-reactivity or interference between Human MCP-4/CCL13 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human MCP-4/CCL13 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	98
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-4/CCL13 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MCP-4/CCL13 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MCP-4/CCL13. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human MCP-4/CCL13 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MCP-4/CCL13, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MCP-4/CCL13. You can calculate the concentration of Human MCP-4/CCL13 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51371895
NCBI GeneID	445451
UniProt Accession #	Q68Y88
Molecular Weight	10,980 Da
NCBI Official Full Name	monocyte chemotactic protein-4
NCBI Official Symbol	CCL13
NCBI Official Synonym Symbols	MCP-4
NCBI Protein Information	C-C motif chemokine 13; monocyte chemoattractant protein 4; monocyte chemotactic protein 4; monocyte chemotactic protein-4; small-inducible cytokine A13
UniProt Protein Name	C-C motif chemokine 13
UniProt Gene Name	CCL13
UniProt Synonym Gene Names	MCP-4
UniProt Entry Name	CCL13_CANFA

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mcp-4-ccl13/164489>