

Human MCP-1/CCL2 ELISA Kit | MCP-1/CCL2 elisa kit

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CATALOG #
AAA258332

REACTIVITY
Human

PRODUCT SYNONYMS

MCP-1/CCL2; Human MCP-1/CCL2 ELISA Kit; MCP-1/CCL2 ELISA Kit; Human; chemokine (C-C motif) ligand 2; GDCF-2 ELISA Kit; HC11 ELISA Kit; HSMCR30 ELISA Kit; MCAF ELISA Kit; MCP-1 ELISA Kit; MCP1 ELISA Kit; SCYA2 ELISA Kit; SMC-CF ELISA Kit; MCP-1/CCL2 elisa kit

PRODUCT SPECIFICATIONS

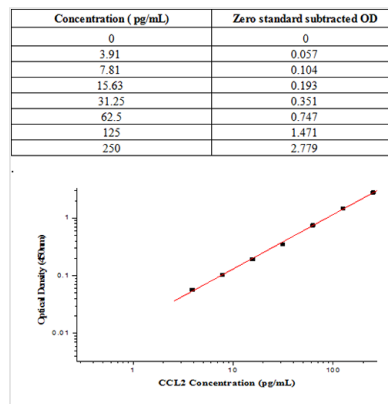
Reactivity	Human
Specificity	For the quantitative determination of Human MCP-1/CCL2 concentration in serum and urine.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum, Urine
Detection Range	2.34-150pg/mL
Sensitivity	1pg/mL
Conjugation	HRP
Interference	Preparations of the factors listed below at 50ng/mL in a mid-range recombinant human CCL2 control were assayed for interference. No significant interference was observed. Interference was observed with recombinant human MCP-2 at concentrations ≥ 1.5625 ng/mL.
Materials Provided	96 well microplate coated with Capture Antibody - Detection Antibody conjugated to HRP - Standards - Wash Buffer Concentrate - Dilution Buffer Concentrate - Color Reagent A - Color Reagent B - Stop Solution

IMAGES

Recombinant human			
GRO α	GRO β	GRO γ	MCP-2
RANTES	MCP-3	MIP-1 α	IL-1
IL-2	IL-33	IL-10	IL-8
TNF- α	IL-4	IL-6	IFN- γ
MIP-1 β	TIMP-1	TIMP-2	GM-CSF
SCF	PDGF	VEGF	
Recombinant mouse			
JE/MCP-1	MIP-1 α		

Application Data

This assay recognizes both recombinant and natural Human CCL2. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

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

ADDITIONAL INFORMATION

Related Product Information for MCP-1/CCL2 elisa kit	This MCP-1/CCL2 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human MCP-1/CCL2 protein in Serum, Urine. It contains recombinant Human MCP-1/CCL2, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Monocyte chemoattractant protein 1 (MCP-1), also called CCL2, belongs to a group of CC chemokines located in chromosome 17q11.2. MCP-1 protein interacts with chemokine C-C motif receptor 2 (CCR2) to activate and recruit monocytes, macrophages, CD4+ T cells and immature dendritic cells to the site of infection. The presence of MCP-1 protein in an adequate concentration is important for granuloma formation and M. tuberculosis clearance.
References	Vásquez-Loarte T, Trubnykova M, Guio H. Genetic association meta-analysis: a new classification to assess ethnicity using the association of MCP-1 -2518 polymorphism and tuberculosis susceptibility as a model. BMC Genetics. 2015;16:128.

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-1-ccl2/258332>