

Human MCP-2 ELISA Kit | MCP-2 elisa kit

MCP-2 Human ELISA Kit

CATALOG # AAA58969	REACTIVITY Human	APPLICATIONS ELISA
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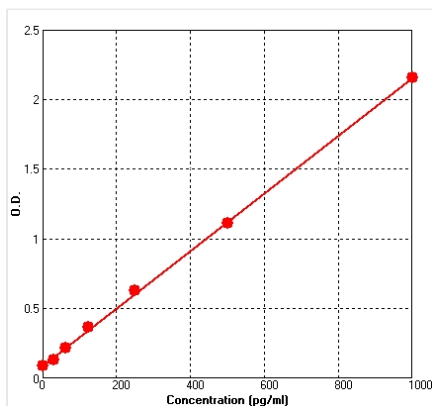
PRODUCT SYNONYMS

MCP-2; MCP-2 Human ELISA Kit; Human MCP-2; MCP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	30 pg/ml-1000 pg/ml
Applicable Applications for MCP-2 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-2 elisa kit

Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-MCP-2 antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-MCP-2 antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) 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 MCP-2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MCP-2 can be calculated.

Background: Monocyte chemotactic protein 2 (MCP-2), also known as Chemokine (C-C motif) ligand 8 (CCL8), is a CC chemokine that utilizes multiple cellular receptors to attract and activate human leukocytes. CCL8 is a small cytokine belonging to the CC chemokine family. It is a potent inhibitor of HIV-1 by virtue of its high-affinity binding to the receptor CCR5, one of the major co-receptors for HIV-1. It elicits its effects by binding to several different cell surface receptors called chemokine receptors. These receptors include CCR1, CCR2B and CCR5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678838
NCBI GeneID	17225
NCBI Accession #	NP_032597.1
NCBI GenBank Nucleotide #	NM_008571.1
UniProt Accession #	P15119
Molecular Weight	26,732 Da
NCBI Official Full Name	mast cell protease 2
NCBI Official Synonym Full Names	mast cell protease 2
NCBI Official Symbol	Mcpt2
NCBI Official Synonym Symbols	Mcp-2; MMCP-2
NCBI Protein Information	mast cell protease 2
UniProt Protein Name	Mast cell protease 2
UniProt Gene Name	Mcpt2
UniProt Synonym Gene Names	mMCP-2
UniProt Entry Name	MCPT2_MOUSE

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-2/58969>