

Dog Monocyte Chemotactic Protein 1 (MCP1) RTU ELISA Kit | MCP1 rtu elisa kit

Canine Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit

CATALOG #
AAA216962

REACTIVITY
Dog

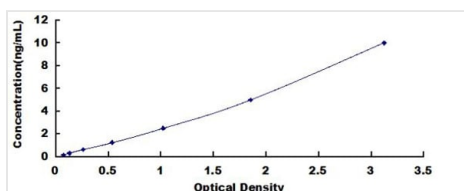
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 1 (MCP1); Canine Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit; CCL2; GDCF2; HC11; HSMCR30; MCAF; MCP1; SCYA2; SMC-CF; Chemokine C-C-Motif Ligand 2; Monocyte Chemotactic And Activating Factor; Monocyte Secretory Protein JE; MCP1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Sequence Length	101
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MCP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MCP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MCP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MCP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50979120
NCBI GeneID	403981
NCBI Accession #	NP_001003297.1
NCBI GenBank Nucleotide #	NM_001003297.1
UniProt Accession #	P52203
Molecular Weight	11,121 Da
NCBI Official Full Name	C-C motif chemokine 2
NCBI Official Synonym Full Names	C-C motif chemokine ligand 2
NCBI Official Symbol	CCL2
NCBI Protein Information	C-C motif chemokine 2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Synonym Gene Names	MCP1; SCYA2; MCP-1

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://www.aaabiotech.com/dog-rtu-elisa-kits/monocyte-chemotactic-protein-1-mcp1/216962>