Dog Monocyte Chemotactic Protein 1/Monocyte Chemotactic And Activating Factor(MCP-1/MCAF) ELISA kit

Product Code	CSB-E15747c
Protein Biological Process 2	chemokine
Abbreviation	CCL2
Protein Biological Process 1	Cytokine
Target Name	chemokine (C-C motif) ligand 2
Uniprot No.	P52203
Alias	GDCF-2, HC11, HSMCR30, MCAF, MCP-1, MCP1, MGC9434, SCYA2, SMC-CF, monocyte chemoattractant protein-1|monocyte chemotactic and activating factor|monocyte secretory protein JE|small inducible cytokine
Product Type	ELISA Kit
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Protein Biological Process 3	Chemotaxis
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.125 ng/mL-8 ng/mL
Sensitivity	0.147 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Immunology
Gene Names	CCL2
Tag Info	quantitative
Protein Description	Sandwich
Description	This Dog CCL2 ELISA Kit was designed for the quantitative measurement of Dog CCL2 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.125 ng/mL-8 ng/mL and the sensitivity is 0.147 ng/mL.

Target Details	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4.
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