

Mouse CCL2 ELISA Kit | CCL2 elisa kit

Mouse CCL2 ELISA Kit

CATALOG # AAA332564	REACTIVITY Mouse	APPLICATIONS ELISA
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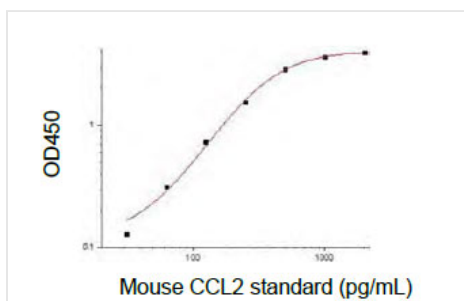
PRODUCT SYNONYMS

CCL2; Mouse CCL2 ELISA Kit; 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; CCL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse CCL2 ELISA Kit has high sensitivity and excellent specificity for detection of MouseCCL2. No significant cross-reactivity or interference between Mouse CCL2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	31.25 pg/mL - 2,000 pg/mL
Sensitivity	16 pg/mL
Applicable Applications for CCL2 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL2 elisa kit	Principle of the Assay: CCL2 is one of several cytokine genes clustered on chromosome 11. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. Mouse CCL2 ELISA Kit employs a double antibody sandwich method to quantitate Mouse CCL2 in samples. An antibody specific for Mouse CCL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Mouse CCL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Mouse CCL2 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates are added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The CCL2 concentration is proportional to the OD450 nm value.
Product Categories/Family for CCL2 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755430
NCBI GeneID	20296
NCBI Accession #	NP_035463.1
NCBI GenBank Nucleotide #	NM_011333.3
UniProt Accession #	P10148; Q9QYD7
Molecular Weight	16,326 Da
NCBI Official Full Name	C-C motif chemokine 2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	Ccl2
NCBI Official Synonym Symbols	JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594
NCBI Protein Information	C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; platelet-derived growth factor-inducible protein JE; small inducible cytokine A2; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	Ccl2
UniProt Synonym Gene Names	Je; Mcp1; Scya2; MCP-1
UniProt Entry Name	CCL2_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.