

Product Datasheet

Mouse Monocyte Chemotactic Protein 1 (MCP-1) Microsample Fast ELISA Kit (orb1806679)

Catalog Number	orb1806679
Category	Assays and Kits
Description	Mouse Monocyte Chemotactic Protein 1 (MCP-1) Microsample Fast ELISA Kit
Target	MCP-1
Reactivity	Mouse
Form/Appearance	Ready to use
UniProt ID	P10148
Application notes	<p>This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse MCP-1. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Mouse MCP-1. Then Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse MCP-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Mouse MCP-1. You can calculate the concentration of Mouse MCP-1 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3H

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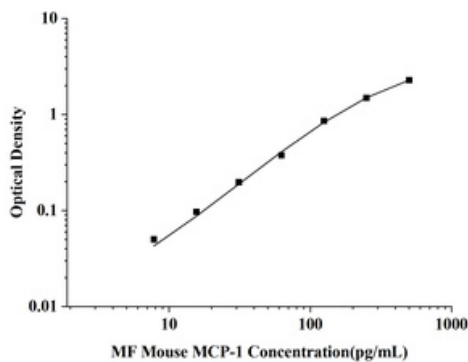
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Standard	500pg/mL
Range	7.81-500pg/mL
Sensitivity	4.68 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples□Sample volume□25μL
Note	For research use only
Expiration Date	6 months from date of receipt.

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