



Datasheet for ABIN6719954

CCL7 ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	CCL7
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: C-C motif chemokine 7, Ccl7, CCL7_HUMAN, Chemokine CC Motif Ligand 7, Chemotactic protein 3, FIC, Intercrine/chemokine MARC, MARC, MCP 3, MCP-3, Monocyte chemoattractant protein 3, Monocyte chemotactic protein 3, NC28, RANTES/sis homolog, RP23-350G1.4, SCYA6, SCYA7, Small inducible cytokine A7, Small-inducible cytokine A7</p> <p>Background: Chemokine(C-C motif) ligand 7(CCL7) is a small cytokine known as a chemokine that was previously called monocyte-specific chemokine 3(MCP3). It belongs to the C-C chemokine family. By fluorescence in situ hybridization, mapped the MCP3 gene to chromosome 17q11.2-q12. MCP3 was identified as a physiologic substrate of gelatinase A.</p>

Product Details

Cleaved MCP3 binds to CC-chemokine receptors-1, -2, and -3, but no longer induces calcium fluxes or promotes chemotaxis, and instead acts as a general chemokine antagonist that dampens inflammation, suggested that matrix metalloproteinases are both effectors and regulators of the inflammatory response.

Gene Name: CCL7

Production: Natural and recombinant mouse CCL7. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: Q24-P97

Target Details

Target: CCL7

Alternative Name: CCL7 - MCP3 ([CCL7 Products](#))

Gene ID: 20306

NCBI Accession: [NP_038682](#)

UniProt: [Q03366](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL mouse CCL7 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse CCL7 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

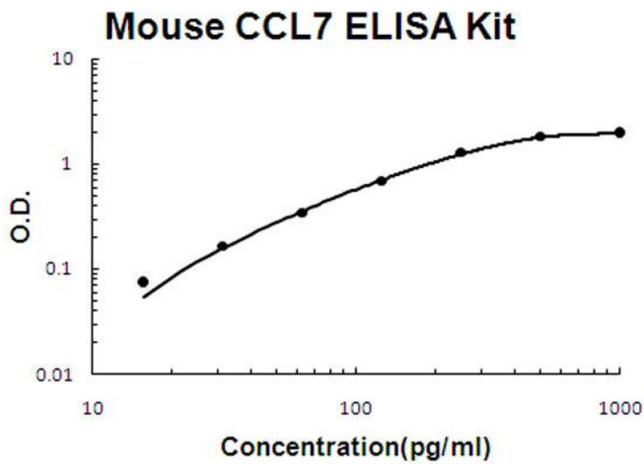
Handling

Storage: RT,4 °C,-20 °C

Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ELISA

Image 1. Mouse CCL7/MCP3 Accusignal ELISA Kit Mouse CCL7/MCP3 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <1pg/ml.