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## Datasheet for ABIN6719955 CCL8 ELISA Kit



Overview

Quantity:	1 kit
Target:	CCL8
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:	Synonyms: C C motif chemokine 8, CCL 8, Ccl8, CCL8_HUMAN, Chemokine (C C motif) ligand 8,
	Chemokine ligand 8, HC14, MCP 2, MCP-2, MCP-2(6-76), Monocyte chemoattractant protein 2,
	Monocyte chemotactic protein 2, SCYA10, SCYA8, Small inducible cytokine A8, Small inducible
	cytokine subfamily A (Cys Cys) member 8, Small-inducible cytokine A8
	Background: Chemokine(C-C motif) ligand 8, also known as monocyte chemoattractant protein
	2(MCP-2), is a protein that in humans is encoded by the CCL8 gene. CCL8 is a small cytokine
	belonging to the CC chemokine family. The CCL8 protein is produced as a precursor containing
	109 amino acids, which is cleaved to produce mature CCL8 containing 75 amino acids. The

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6719955 | 11/30/2023 | Copyright antibodies-online. All rights reserved. gene for CCL8 is encoded by 3 exons and is located within a large cluster of CC chemokines on chromosome 17q11.2 in humans. Monocyte chemotactic protein 2(MCP-2) is a CC chemokine that utilizes multiple cellular receptors to attract and activate human leukocytes. Gene Name: CCL8 Production: Natural and recombinant mouse CCL8. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: E.coli, Immunogen sequence: E20-P97

### Target Details

Target:	CCL8
Alternative Name:	CCL8 - MCP2 (CCL8 Products)
Gene ID:	20307
NCBI Accession:	NP_067418
UniProt:	Q9Z121

#### 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, 31.3pg/mL,
	15.6pg/mL mouse CCL8 standard solutions into the pre-coated 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.
	We recommend that each mouse CCL8 standard solution and each sample is 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
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
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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.