

Datasheet for KOA0718**Mouse CCL9 ELISA Kit****Overview**

Description:	Mouse CCL9 AccuSignal ELISA Kit - KOA0718
Item No.:	KOA0718
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	7.8 pg/ml - 500 pg/ml

Product Details

Background:	Chemokine (C-C motif) ligand 9(CCL9), also called MIP-1 gamma and MRP-2, is a small cytokine belonging to the CC chemokine family. CCL9 which found around Peyer's patches is secreted by follicle-associated epithelium(FAE), and it can attract dendritic cells that possess the cell surface molecule CD11b and the chemokine receptor CCR1. CCL9 is constitutively expressed in macrophages and myeloid cells. CCL9 can activate osteoclasts through its receptor CCR1(the most abundant chemokine receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption.
Synonyms:	CCF18, CCL9, Chemokine CC motif ligand 9, Macrophage Inflammatory Protein 1 gamma, Macrophage inflammatory protein-related protein 2, MIP-1 gamma, mMIP1g, SCYA10, SCYA9, Small inducible cytokine A9
Detection Kit Type:	ELISA Kit
Detection Range:	7.8 pg/ml - 500 pg/ml
Sensitivity:	<1 pg/ml

Target Details

Gene Name:	Ccl9
Reactivity:	Mouse
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: Q22-Q122
Purity/Specificity:	Natural and recombinant mouse CCL9 . There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:	• UniProtKB - P51670 • NCBI - NP_035468.1 • GeneID - 20308 • KOA0718 Protocol
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Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.3pg/ml, 15.6pg/ml, 7.8pg/ml mouse CCL9 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse CCL9 standard solution and each sample is measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Anticoagulant:	Heparin Sodium
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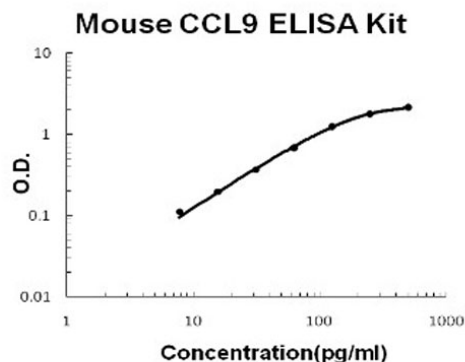
Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	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.
Expiration:	See kit insert for complete instructions.

Images

ELISA

Mouse CCL9 ELISA Kit standard curve.

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.