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Datasheet for ABIN6720291 CCL20 ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	CCL20
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	7.8 pg/mL - 500 pg/mL
Minimum Detection Limit:	7.8 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: Beta chemokine exodus 1, Beta-chemokine exodus-1, C C motif chemokine 20, CC chemokine LARC, Ccl20, CCL20(2-70), CCL20_HUMAN, Chemokine (C C motif) ligand 20, CKb4, Exodus 1, LARC, Liver and activation regulated chemokine, Liver and activation-regulated chemokine, Macrophage inflammatory protein 3 alpha, MIP 3 alpha, MIP 3a, MIP-3-alpha, MIP3 alpha, MIP3A, MIP3alpha, SCYA20, Small inducible cytokine A20, Small inducible cytokine subfamily A (Cys Cys) member 20, Small-inducible cytokine A20, ST38 Background: Macrophage Inflammatory Protein 3alpha(MIP3alpha), also called Chemokine, cc motif, ligand 20(CCL20). The MIP-3alpha/CCL20 gene was cloned and sequenced, revealing a

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 ABIN6720291 | 09/10/2023 | Copyright antibodies-online. All rights reserved. four exon, three intron structure, and was localized by FISH analysis to 2q35-q36. MIP3alpha is predominantly expressed in lymph nodes, appendix, PBL, fetal liver, fetal lung and several cell lines. MIP3alpha/CCL20 and its receptor CCR6 are markedly up-regulated in psoriasis, and they may play a role in the recruitment of T cells to lesional psoriatic skin. And Alanine MIP-3alpha and Serine MIP-3alpha, the two forms of MIP3alpha, that differ by one amino acid at the predicted signal peptide cleavage site. Both of them were chemically synthesized and tested for biological activity. And both flu antigen plus IL-2-activated CD4(+) and CD8(+) T lymphoblasts and cord blood-derived dendritic cells responded to Ser and Ala MIP-3alpha. Gene Name: CCL20 Production: Natural and recombinant rat MIP-3 alpha. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: E.coli, Immunogen sequence: S27-M96

Target Details

Target:	CCL20
Alternative Name:	MIP-3 alpha - CCL20 (CCL20 Products)
Gene ID:	29538
NCBI Accession:	NP_062106
UniProt:	P97884
Pathways:	The Global Phosphorylation Landscape of SARS-CoV-2 Infection

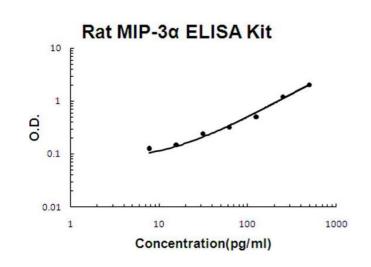
Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.3pg/mL, 15.6pg/mL,
	7.8pg/mL rat MIP-3 alpha 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 rat cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is
	recommended that each rat MIP-3 alpha standard solution and each sample be measured in
	duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 7.8pg/mL-500pg/mL
Sample Volume:	100 µL

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Application Details	
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C

Images



ELISA

Image 1. Rat MIP-3 alpha/CCL20 Accusignal ELISA Kit Rat MIP-3 alpha/CCL20 AccuSignal ELISA Kit standard curve. Assay Range: 7.8pg/ml-500pg/ml. Sensitivity: <1pg/ml.

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