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Datasheet for ABIN6719733

CCL20 ELISA Kit

1 Image

Overview

Quantity:	1 kit
Target:	CCL20
Reactivity:	Human
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: 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</p> <p>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</p>

Product Details

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 human MIP-3 alpha. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A27-M96

Target Details

Target: CCL20

Alternative Name: MIP-3 alpha - CCL20 ([CCL20 Products](#))

Gene ID: 6364

NCBI Accession: [NP_001123518](#)

UniProt: [P78556](#)

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 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human 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 human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human MIP-3 alpha 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

Application Details

Plate: Pre-coated

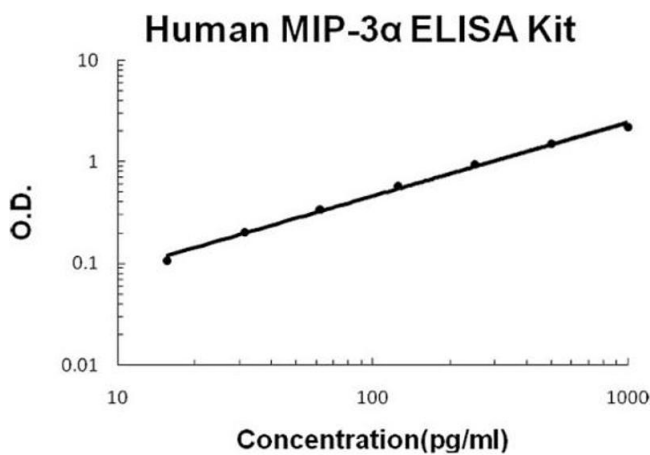
Restrictions: For Research Use only

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 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. Human MIP-3 alpha/CCL20 Accusignal ELISA Kit
Human MIP-3 alpha/CCL20 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml.
Sensitivity: <1pg/ml.