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Datasheet for ABIN6720261
CCL13 ELISA Kit

Overview

Quantity:	1 kit
Target:	CCL13
Reactivity:	Human
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:	<p>Synonyms: C-C motif chemokine 13, CCL13, CCL13_HUMAN, Chemokine (C C motif) ligand 13, CK beta 10, CK-beta-10, CKb10, Macrophage/monocyte chemotactic protein 4, MCP-4, MGC17134, Monocyte chemoattractant protein 4, Monocyte chemotactic protein 4, NCC 1, NCC-1, NCC1, New CC chemokine 1, SCYA13, SCYL1, short chain, Small inducible cytokine A13, Small inducible cytokine A13 precursor, Small inducible cytokine subfamily A (Cys Cys) member 13, Small-inducible cytokine A13</p> <p>Background: Chemokine(C-C motif) ligand 13(CCL13) is a small cytokine belonging to the CC chemokine family. Its gene is located on human chromosome 17 within a large cluster of other</p>

Product Details

CC chemokines. CCL13 induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. Activity of this chemokine has been implicated in allergic reactions such as asthma. CCL13 can be induced by the inflammatory cytokines interleukin-1 and TNF-alpha.

Gene Name: CCL13

Production: Natural and recombinant human CCL13. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: Q24-T98

Target Details

Target:	CCL13
Alternative Name:	CCL13 - MCP4 (CCL13 Products)
Gene ID:	12978
NCBI Accession:	NP_001032948
UniProt:	P09581
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	<p>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 human CCL13 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. We recommend that each human CCL13 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 7.8pg/mL-500pg/mL</p>
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 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.