

Datasheet for ABIN6720217
CCL21 ELISA Kit[Go to Product page](#)

1 Image

Overview

Quantity:	1 kit
Target:	CCL21
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 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: 6CKine, Beta chemokine exodus 2, C-C motif chemokine 21, Chemokine (C-C motif) ligand 21, CKb9, ECL, Efficient Chemoattractant for Lymphocytes, Exodus2, MGC34555, OTTHUMP00000000526, OTTHUMP00000000527, OTTHUMP000000021303, SCYA 21, SCYA21, Secondary lymphoid tissue chemokine, SLC, Small inducible cytokine A21, Small inducible cytokine subfamily A (Cys-Cys), member 21, TCA 4, TCA4</p> <p>Background: Chemokine(C-C motif) ligand 21(CCL21) is a small cytokine belonging to the CC chemokine family. This chemokine is also known as 6CKine(because it has six conserved cysteine residues instead of the four cysteines typical to chemokines), exodus-2, and secondary</p>

Product Details

lymphoid-tissue chemokine(SLC). By somatic cell hybrid and radiation hybrid analyses, mapped the SCYA21 gene to 9p13. Chemokines are a family of proteins that direct leukocyte migration and activation to inflammatory stimuli. CXC chemokine ligand 13(CXCL13), CC chemokine ligand 21(CCL21), and CCL19 are constitutively expressed in secondary lymphoid organs, where they control the placement of lymphocytes and dendritic cells. It was demonstrate that the local expression of homeostatic chemokines in nonlymphoid organs, such as the lung, plays an important role in protective immune responses.

Gene Name: CCL21

Production: Natural and recombinant human CCL21. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: S24-P134

Target Details

Target:	CCL21
Alternative Name:	CCL21 - 6Ckine (CCL21 Products)
Gene ID:	6366
NCBI Accession:	NP_002980
UniProt:	O00585
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human CCL21 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 CCL21 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated

Application Details

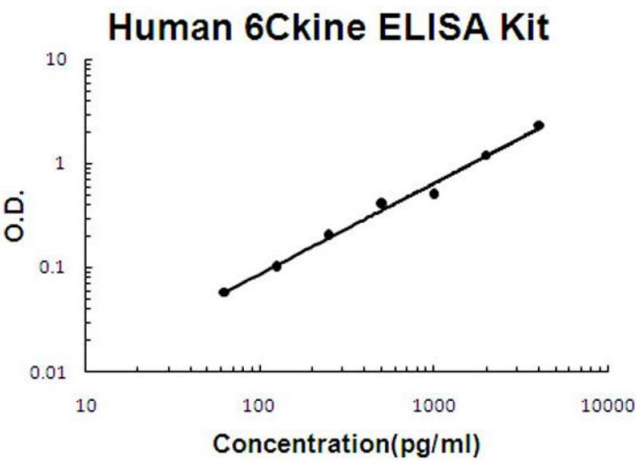
Restrictions: For Research Use only

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 CCL21/6Ckine Accusignal ELISA Kit
Human CCL21/6Ckine AccuSignal ELISA Kit standard curve.
Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <12pg/ml.