

Datasheet for ABIN6719861

CCL18 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	CCL18
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, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Alternative macrophage activation associated CC chemokine 1, Alternative macrophage activation-associated CC chemokine 1, AMAC1, C C motif chemokine 18, CC chemokine ligand 18, CC chemokine PARC, CCL18_HUMAN, Chemokine ligand 18, Chemokine dendritic, Chemokine ligand 18, CKb7, DCCCK1, Dendritic cell chemokine 1, Macrophage inflammatory protein 4, MIP4, PARC, Pulmonary and activation regulated chemokine, Pulmonary and activation-regulated chemokine, Small inducible cytokine A18</p> <p>Background: Chemokine(C-C motif) ligand 18(CCL18) is a small cytokine belonging to the CC chemokine family that was previously called PARC(pulmonary and activation-regulated</p>

Product Details

chemokine). CCL18 is approximately 60 % identical in amino acid sequence to CCL3. By analysis of a previously mapped CCL18 from 17q11.2, it is determined that the PARC gene is located within 1 of the 2 clusters of CC chemokine genes in this region. It is expressed at high levels in lung and at lower levels in certain lymphoid tissues, such as the lymph nodes, and is chemotactic for activated T cells and nonactivated lymphocytes. Beside, CCL18 recruits Th2 cells and basophils and may play a predominant role in allergic asthma.

Gene Name: CCL18

Production: Natural and recombinant human CCL18. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A21-A89

Target Details

Target: CCL18

Alternative Name: CCL18 - PARC ([CCL18 Products](#))

Gene ID: 6362

NCBI Accession: [NP_002979](#)

UniProt: [P55774](#)

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 human CCL18 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 or serum to each empty well. We recommend that each human CCL18 standard solution and each sample is measured in duplicate.

ELISA Dilution: 7.8pg/mL-500pg/mL

Other Performance Data: DOE: 2-8° C - 12/2/17 -20° C - 6/2/18

Sample Volume: 100 µL

Plate: Pre-coated

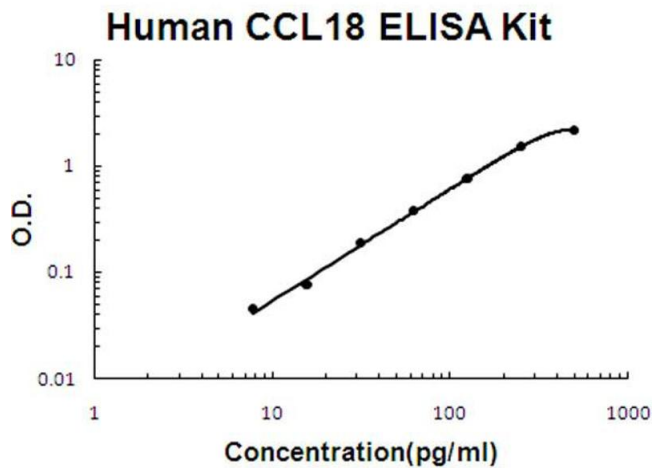
Restrictions: For Research Use only

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.

Images



ELISA

Image 1. Human CCL18/PARC Accusignal ELISA Kit Human CCL18/PARC AccuSignal ELISA Kit standard curve. Assay Range: 7.8pg/ml-500pg/ml. Sensitivity: <10pg/ml.