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## Datasheet for ABIN6720154 **CCL28 ELISA Kit**

### Overview

Quantity:	1 kit
Target:	CCL28
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 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: CCK 1, CCK1, CCL 28, Chemokine (C-C motif) ligand 28, MEC, MGC71902, Mucosae associated epithelial chemokine, OTTHUMP0000022162, SCYA28, Small inducible cytokine A28, Small inducible cytokine A28 [Precursor], Small inducible cytokine subfamily A (Cys-Cys), member 28</p> <p>Background: CCL28, also known as mucosae-associated epithelial chemokine (MEC), CCK1 and SCYA28, is a chemokine. It is mapped to 5p12. The tumor hypoxia promotes the recruitment of regulatory T (Treg) cells through induction of expression of the chemokine CCL28, which in turn promotes tumor tolerance and angiogenesis. CCL28 regulates the</p>

## Product Details

chemotaxis of cells that express the chemokine receptors CCR3 and CCR10. CCL28 has also been implicated in the migration of IgA-expressing cells to the mammary gland, salivary gland, intestine and other mucosal tissues. It has also been shown as a potential antimicrobial agent effective against certain pathogens, such as Gram negative and Gram positive bacteria and the fungus *Candida albicans*.

Gene Name: CCL28

Production: Natural and recombinant human CCL28. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: I23-Y127

## Target Details

Target:	CCL28
Alternative Name:	CCL28 ( <a href="#">CCL28 Products</a> )
Gene ID:	65477
NCBI Accession:	<a href="#">NP_001288802</a>
UniProt:	<a href="#">Q9NRJ3</a>

## Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human CCL28 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 and plasma(heparin, EDTA) to each empty well. It is recommended that each human CCL28 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	RT, 4 °C, -20 °C
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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.
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