

Datasheet for KOA0398**Human CCL28 ELISA Kit****Overview**

Description:	Human CCL28 AccuSignal ELISA Kit - KOA0398
Item No.:	KOA0398
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	31.2 pg/ml - 2000 pg/ml

Product Details

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 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 <i>Candida albicans</i> .
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
Detection Kit Type:	ELISA Kit
Detection Range:	31.2 pg/ml - 2000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL28
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: I23-Y127

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

Relevant Links:

- [UniProtKB - Q9NRJ3](#)
- [NCBI - NP_001288802.1](#)
- [GeneID - 65477](#)
- [KOA0398 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Anticoagulant: Heparin Sodium

Shipping & Handling

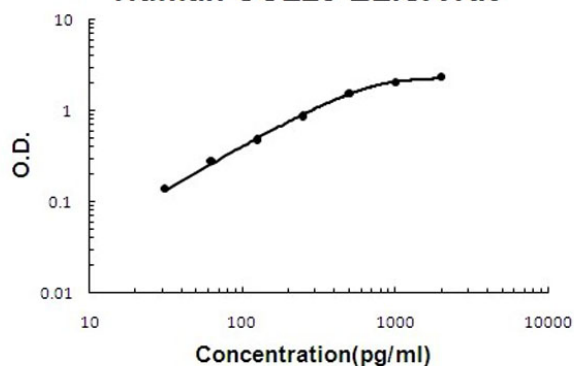
Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: See kit insert for complete instructions.

Images

Human CCL28 ELISA Kit



ELISA

Human CCL28 ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.