

Datasheet for KOA0397**Human CCL27 - CTACK ELISA Kit****Overview**

Description:	Human CCL27/CTACK AccuSignal ELISA Kit - KOA0397
Item No.:	KOA0397
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	31.2 pg/ml - 2000 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 27(CCL27) is a small cytokine belonging to the CC chemokine family, it is also known under the names IL-11 R-alpha-locus chemokine(ILC), Skinkine, ESKine and Cutaneous T-cell-attracting chemokine(CTACK). This gene is mapped to 9p13.3. CCL27 is associated with homing of memory T lymphocytes to the skin, and plays a role in T cell-mediated inflammation of the skin. CCL27 is expressed in numerous tissues, including gonads, thymus, placenta and skin. It elicits its chemotactic effects by binding to the chemokine receptor CCR10.
Synonyms:	ALP, C-C motif chemokine 27, CC chemokine ILC, Ccl27, CCL27_HUMAN, CTACK, CTAK, Cutaneous T cell attracting chemokine, Cutaneous T-cell-attracting chemokine, ESKine, IL 11 R alpha locus chemokine, IL 11 Ralpha locus chemokine, IL-11 R-alpha-locus chemokine, ILC, Ligand 27, PESKY, SCYA27, Skinkine, Small inducible cytokine A27, Small inducible cytokine subfamily A (Cys-Cys), member 27, Small-inducible cytokine A27
Detection Kit Type:	ELISA Kit
Detection Range:	31.2 pg/ml - 2000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL27
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: F25-G112

Purity/Specificity: Natural and recombinant human CCL27. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - Q9Y4X3](#)
- [NCBI - NP_006655.1](#)
- [GeneID - 10850](#)
- [KOA0397 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 CCL27 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 or plasma(heparin, EDTA) to each empty well. It is recommended that each human CCL27 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

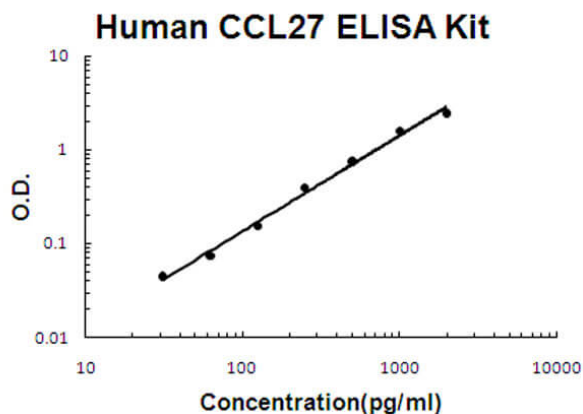
Shipping & Handling

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



ELISA

Human CCL27/CTACK AccuSignal ELISA Kit standard curve.
Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.

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.