

Datasheet for KOA0394**Human CCL17 - TARC ELISA Kit****Overview**

Description:	Human CCL17/TARC AccuSignal ELISA Kit - KOA0394
Item No.:	KOA0394
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	31.2 pg/ml - 2000 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 17(CCL17) is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine(TARC). CCL17 is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. ¹ This chemokine specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. ^{1,2} The gene for CCL17 is located on chromosome 16, in humans, along with other chemokines called CCL22 and CX3CL1. ^{3,4} The standard used in this kit is recombinant human CCL17, consisting of 71 amino acids with the molecular weight of 8Kda.
Synonyms:	A 152E5.3, ABCD 2, C C motif chemokine 17, C-C motif chemokine 17, CC chemokine TARC, CCL 17, CCL17, CCL17_HUMAN, Chemokine (C C motif) ligand 17, Chemokine ligand 17, MGC138271, MGC138273, SCYA17, Small inducible cytokine A17, Small inducible cytokine subfamily A (Cys Cys) member 17, Small inducible cytokine subfamily A member 17, Small-inducible cytokine A17, T cell directed CC chemokine, Thymus and activation regulated chemokine, Thymus and activation-regulated chemokine
Detection Kit Type:	ELISA Kit
Detection Range:	31.2 pg/ml - 2000 pg/ml
Sensitivity:	<1 pg/ml

Target Details

Gene Name:	CCL17
Reactivity:	Human

Immunogen:	Expression system for standard: E.coli; Immunogen sequence: A24-S94
Purity/Specificity:	Natural and recombinant human CCL17. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - Q92583 • NCBI - NP_002978.1 • GenelD - 6361 • KOA0394 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 CCL17 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 CCL17 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.
ELISA:	31.2 pg/ml-2000 pg/ml
Other:	DOE: 2-8° C - 09/01/19 -20° C - 03/01/20

Formulation

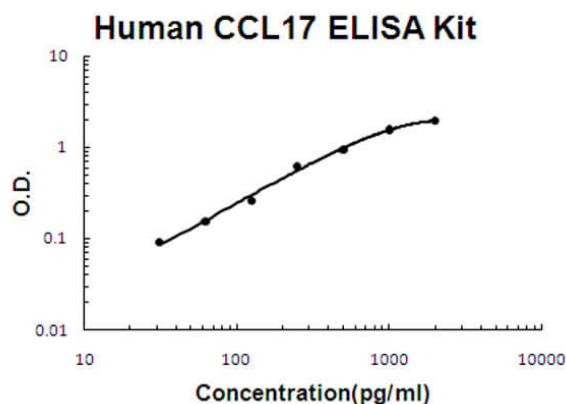
Concentration:	1 Kit
Anticoagulant:	Heparin Sodium

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 CCL17/TARC AccuSignal ELISA Kit standard curve.
Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <1pg/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.