

Datasheet for ABIN6720293
CCL24 ELISA Kit[Go to Product page](#)

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Overview

Quantity:	1 kit
Target:	CCL24
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 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: C C motif chemokine 24, CCL24, Chemokine (C C motif) ligand 24, Chemokine CC Motif Ligand 2, CK beta 6, Ckb 6, Ckb6, Eosinophil chemotactic protein 2, Eotaxin 2 like protein, MPIF 2, MPIF2, Myeloid progenitor inhibitory factor 2, OTTHUMP00000210225, SCYA24, Small inducible cytokine A24, Small inducible cytokine subfamily A (Cys Cys) member 24</p> <p>Background: Chemokine(C-C motif) ligand 24(CCL24) also known as myeloid progenitor inhibitory factor 2(MPIF-2) or eosinophil chemotactic protein 2(eotaxin-2) is a protein that in humans is encoded by the CCL24 gene. By use of PCR analysis of somatic cell hybrid DNAs, radiation hybrid mapping, and a chromosome 7-specific YAC library, mapped the SCYA24 gene</p>

Product Details

to chromosome 7q11.23. CCL24 is a small cytokine belonging to the CC chemokine family. CCL24 interacts with chemokine receptor CCR3 to induce chemotaxis in eosinophils.³ This chemokine is also strongly chemotactic for resting T lymphocytes and slightly chemotactic for neutrophils.

Gene Name: CCL24

Production: Natural and recombinant human CCL24. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: V27-C119

Target Details

Target:	CCL24
Alternative Name:	CCL24 - Eotaxin-2 (CCL24 Products)
Gene ID:	6369
NCBI Accession:	NP_002982
UniProt:	O00175
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 313pg/mL, 156pg/mL, 78pg/mL human CCL24 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 or plasma(heparin, EDTA) to each empty well. It is recommended that each human CCL24 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 78pg/mL-5000pg/mL</p>
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

