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IL17C ELISA Kit





Overview

Quantity:	1 kit
Target:	IL17C
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	125 pg/mL - 8000 pg/mL
Minimum Detection Limit:	125 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:	Synonyms: CX2, Cytokine CX2, IL 17C, IL 21, IL-17C, IL17C, IL17C_HUMAN, Interleukin 17C, Interleukin-17C, MGC126884, MGC138401

Background: IL17C, also known as CX2, is a protein that in humans is encoded by the IL17C gene. IL17C is mapped to 16q24.3. The protein encoded by this gene is a T cell-derived cytokine that shares the sequence similarity with IL17. This cytokine was reported to stimulate the release of tumor necrosis factor alpha and interleukin 1 beta from a monocytic cell line. The expression of this cytokine was found to be restricted to activated T cells. IL17C is an essential autocrine cytokine regulating innate epithelial immune responses. It also plays an important

role in the pathogenesis of inflammatory arthritis.

Gene Name: IL17C

Production: Natural and recombinant human IL-17C. There is no detectable cross-reactivity

with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: H19-V197

Target Details

Target:	IL17C
Alternative Name:	IL-17C (IL17C Products)
Gene ID:	27189
NCBI Accession:	NP_037410
UniProt:	Q9P0M4
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
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0.1 mL per well of the 8000pg/mL, 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL human IL-17C 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 IL-17C standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 125pg/mL-8000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

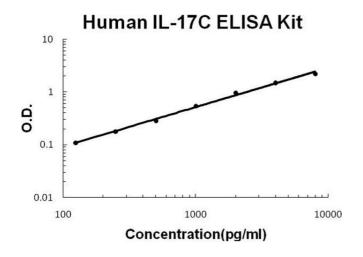
Handling

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



ELISA

Image 1. Human IL-17C Accusignal ELISA Kit Human IL-17C AccuSignal ELISA Kit standard curve. Assay Range: 125pg/ml-8000pg/ml. Sensitivity: <10pg/ml.