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IL17 Receptor B ELISA Kit





Overview

Quantity:	1 kit
Target:	IL17 Receptor B (IL17RB)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 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: CRL 4, CRL4, Cytokine receptor CRL4, EVI 27, EVI27, IL 17 receptor B, IL 17 receptor homolog 1, IL 17B receptor, IL 17RB, IL 17Rh1, IL17BR, IL17RB, IL17RH1, Interleukin 17 receptor	
	B, Interleukin 17 receptor homolog 1, Interleukin 17 receptor homolog, Interleukin 17B receptor, MGC5245	
	Background: IL17RB, also known as CRL4, is a protein that in humans is encoded by the IL17RB	
	gene. It is located on 3p21.1. IL17RB is produced by activated T cells exhibiting	
	proinflammatory activities. The protein encoded by this gene is a cytokine receptor. This	
	receptor specifically binds to IL17B and IL17E (IL25), but does not bind to IL17 (A) or IL17C.	

This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. And it may play a role in controlling the growth and/or differentiation of hematopoietic cells.

Gene Name: IL17RB

Production: Natural and recombinant human IL-17RB. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NAO, Immunogen sequence: R18-K286

Target Details

Target:	IL17 Receptor B (IL17RB)
Alternative Name:	IL-17RB (IL17RB Products)
Gene ID:	55540
NCBI Accession:	NP_061195
UniProt:	Q9NRM6

Application Details

Ann	lication	Notes:

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human IL-17RB 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-17RB standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10000pg/mL

Sample Volume:

100 μL

Plate:

Pre-coated

Restrictions:

For Research Use only

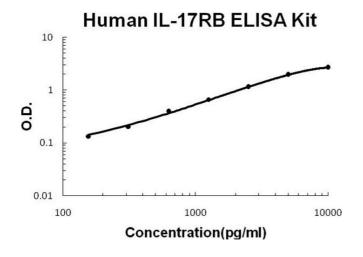
Handling

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-17RB Accusignal ELISA Kit Human IL-17RB AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.