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IL17RA ELISA Kit





Overview

Quantity:	1 kit
Target:	IL17RA
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 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: CANDF5, CD217, CD217 antigen, CDw217, CTLA8, HIL 17R, I17RA_HUMAN, IL 17 receptor A, IL 17 receptor, IL 17RA, IL-17 receptor A, IL-17RA, IL17, IL17A receptor, IL17R, IL17RA, Interleukin 17 receptor A, Interleukin-17 receptor A, MGC10262 Background: Interleukin 17 receptor A, also known as IL17RA and CDw217 (cluster of differentiation w217), is a human gene. The IL17R gene is mapped to 22q11.22-q11.23 by radiation hybrid analysis. Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The protein encoded by this gene is a ubiquitous

type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Also, it is showed that mouse II17r bound HSV-13 and mouse II17. Recombinant soluble II17r inhibited mitogen-induced T-cell proliferation and II2 production.

Gene Name: IL17RA

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

Standard: Expression system for standard: NSO, Immunogen sequence: L33-W320

Target Details

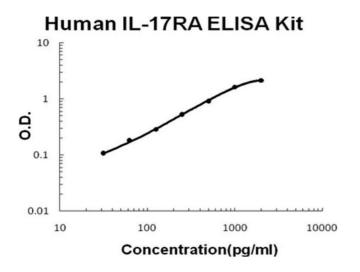
Target:	IL17RA
Alternative Name:	IL-17RA (IL17RA Products)
Gene ID:	23765
NCBI Accession:	NP_001276834
UniProt:	Q96F46
Pathways:	SARS-CoV-2 Protein Interactome

Application Details	
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL,
	31.2pg/mL human IL-17RA 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 and plasma (heparin, EDTA) to each empty
	well. It is recommended that each human IL-17RA standard solution and each sample be
	measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 31.2pg/mL-2000pg/mL
Sample Volume:	100 μL
Plate:	Pre-coated 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-17RA Accusignal ELISA Kit Human IL-17RA AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.