

Datasheet for ABIN6720172
IL17RA ELISA Kit[Go to Product page](#)

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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:	<p>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</p> <p>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</p>

Product Details

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 IL17r bound HSV-13 and mouse IL17. Recombinant soluble IL17r inhibited mitogen-induced T-cell proliferation and IL2 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:	<p>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.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/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

