

Datasheet for ABIN6720109
IL17 Receptor B ELISA Kit[Go to Product page](#)

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

Product Details

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

Application 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: 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.

