

Human IL-17RB ELISA Kit | IL17RB elisa kit

Human IL-17RB PicoKine ELISA Kit

CATALOG #
AAA45760

REACTIVITY
Human

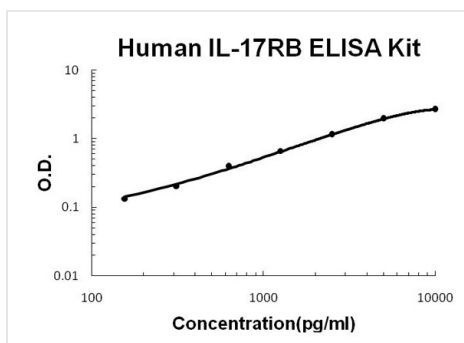
PRODUCT SYNONYMS

IL-17RB; Human IL-17RB PicoKine ELISA Kit; Interleukin-17 receptor B; interleukin 17 receptor B; 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; IL17RB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human IL-17RB
Sequence Length	502
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human IL-17RB PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL17RB elisa kit	Principle of the assay: human IL-17RB ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for IL-17RB has been precoated onto 96-well plates. Standards(NSO, R18-K286) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL-17RB is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human IL-17RB amount of sample captured in plate. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21263748
NCBI GeneID	55540
UniProt Accession #	Q9NRM6; Q9BPZ0; Q9NRL4; Q9NRM5
Molecular Weight	31,773 Da
NCBI Official Full Name	Interleukin-17 receptor B
NCBI Official Synonym Full Names	interleukin 17 receptor B
NCBI Official Symbol	IL17RB
NCBI Official Synonym Symbols	CRL4; EVI27; IL17BR; IL17RH1
NCBI Protein Information	interleukin-17 receptor B; IL-17RB; IL-17Rh1; IL-17B receptor; IL-17 receptor B; cytokine receptor CRL4; IL-17 receptor homolog 1; cytokine receptor-like 4; interleukin 17B receptor; interleukin-17B receptor; interleukin 17 receptor homolog 1
UniProt Protein Name	Interleukin-17 receptor B
UniProt Gene Name	IL17RB
UniProt Synonym Gene Names	CRL4; EVI27; IL17BR; IL-17 receptor B; IL-17RB; IL-17Rh1; IL17Rh1; IL-17B receptor
UniProt Entry Name	I17RB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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