

## Human Interleukin-17 Receptor B (IL-17Rb) ELISA Kit | IL-17Rb elisa kit

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CATALOG #  
**AAA266519**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

Interleukin-17 Receptor B (IL-17Rb); Human Interleukin-17 Receptor B (IL-17Rb) ELISA Kit; IL-17Rb elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                      |
| Assay Type              | sandwich                                                                                                                   |
| Samples                 | cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)                                                    |
| Detection Range         | 156pg/ml-10000pg/ml                                                                                                        |
| Sensitivity             | <10pg/ml                                                                                                                   |
| Detection Target        | Interleukin-17 Receptor B (IL-17Rb)                                                                                        |
| Immunogen Sequence      | 369                                                                                                                        |
| Cross-Reactivity        | There is no detectable cross-reactivity with other relevant proteins.                                                      |
| 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) |

### ADDITIONAL INFORMATION

#### Related Product Information for IL-17Rb elisa kit

This Human Interleukin-17 Receptor B (IL-17Rb) ELISA Kit is intended for quantitative detection of human IL-17RB in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA). Strip well format. Reagents for up to 96 tests.

This 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

The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. Expression system for standard: 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.

### NCBI AND UNIPROT INFORMATION

|             |                          |
|-------------|--------------------------|
| NCBI GI #   | <a href="#">27477074</a> |
| NCBI GeneID | <a href="#">55540</a>    |

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_061195.2                                                                        |
| NCBI GenBank Nucleotide #        | NM_018725.3                                                                        |
| 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                                                          |
| UniProt Protein Name             | Interleukin-17 receptor B                                                          |
| UniProt Gene Name                | <b>IL17RB</b>                                                                      |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/interleukin-17-receptor-b-il-17rb/266519>