

Human Interleukin-17 Receptor C (IL-17Rc) ELISA Kit | IL-17Rc elisa kit

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CATALOG #
AAA266520

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin-17 Receptor C (IL-17Rc); Human Interleukin-17 Receptor C (IL-17Rc) ELISA Kit; IL-17Rc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	sandwich
Samples	cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	250pg/ml-16000pg/ml
Sensitivity	<15pg/ml
Detection Target	Interleukin-17 Receptor C (IL-17Rc)
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-17Rc elisa kit

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

This human IL-17RC ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for IL-17RC has been precoated onto 96-well plates. Standards (NSO, L21-A454) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL-17RC 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-17RC 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: Interleukin-17 receptor C is a protein that in humans is encoded by the IL17RC gene. By genomic sequence analysis, IL17RC gene was mapped to chromosome 3p25.3-p24.1. This gene encodes a single-pass transmembrane protein that shares limited similarity with the interleukin-17 receptor. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, but the full-length nature of only three have been determined to date. The biologic activity of IL-17 is dependent on a complex composed of IL-17RA and IL-17RC, suggesting a new paradigm for understanding the interactions between the expanded family of IL-17 ligands and their receptors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322812168
NCBI GeneID	84818

NCBI Accession #	NP_001190192.1
NCBI GenBank Nucleotide #	NM_001203263.1
UniProt Accession #	Q8NAC3 ; Q6UVY3 ; Q6UWD4 ; Q8NFS1 ; Q9BR97
Molecular Weight	86,240 Da
NCBI Official Full Name	interleukin-17 receptor C isoform 4
NCBI Official Synonym Full Names	interleukin 17 receptor C
NCBI Official Symbol	IL17RC
NCBI Official Synonym Symbols	IL17RL; IL17-RL
NCBI Protein Information	interleukin-17 receptor C; IL-17RL; IL17Rhom; zcytoR14; IL17F receptor; IL-17 receptor C; interleukin-17 receptor homolog; interleukin-17 receptor-like protein
UniProt Protein Name	Interleukin-17 receptor C
UniProt Gene Name	IL17RC
UniProt Synonym Gene Names	IL-17 receptor C; IL-17RC; IL17Rhom; IL-17RL
UniProt Entry Name	I17RC_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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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/interleukin-17-receptor-c-il-17rc/266520>