

Human IL-18R1 ELISA Kit | IL18R1 elisa kit

Human IL-18R1 PicoKine ELISA Kit

CATALOG #
AAA45766

REACTIVITY
Human

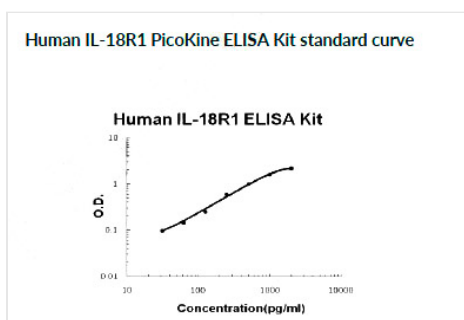
PRODUCT SYNONYMS

IL-18R1; Human IL-18R1 PicoKine ELISA Kit; Interleukin-18 receptor 1; interleukin 18 receptor 1; CD218 antigen-like family member A; CD218a; CDw218a; CDw218a antigen; IL 1Rrp; IL-18R-1; IL-1Rrp; IL1 receptor related protein; IL1 receptor-related protein; IL18R_HUMAN; IL18R1; IL18RA; Il18ralpha; IL1R-rp; IL1RRP; Interleukin 18 receptor 1; Interleukin 18 receptor; alpha chain; IL18R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL17F
Sequence Length	541
Samples	Cell Culture Supernates, Serum And Plasma(Heparin Or Edta)
Detection Range	62.5pg/ml-4000pg/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 accross 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)

ADDITIONAL INFORMATION

Related Product Information for IL18R1 elisa kit	Principle of the Assay: The Picokine Human IL17F Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL17F with a 96-well strip plate that is pre-coated with antibody specific for IL17F. The detection antibody is a biotinylated antibody specific for IL17F. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human IL17F with immunogen: Expression system for standard: NSO, Immunogen sequence: R31-Q163. The kit is analytically validated with ready to use reagents. To measure Human IL17F, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human IL17F in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human IL17F in the sample!!Background/Introduction: Members of the interleukin-17 family, such as IL17F, are involved in the regulation of normal versus aberrant T-cell responses.. It is mapped to 6p12.2. The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26395370
NCBI GeneID	8809
UniProt Accession #	Q13478; Q52LC9; B2R9Y5
Molecular Weight	62,304 Da
NCBI Official Full Name	Interleukin-18 receptor 1
NCBI Official Synonym Full Names	interleukin 18 receptor 1
NCBI Official Symbol	IL18R1
NCBI Official Synonym Symbols	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp
NCBI Protein Information	interleukin-18 receptor 1; IL-18R1; IL1R-rp; IL-18R-1; IL18Ralpha2; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A
UniProt Protein Name	Interleukin-18 receptor 1
UniProt Gene Name	IL18R1
UniProt Synonym Gene Names	IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp
UniProt Entry Name	IL18R_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.