

Human IL-17RD ELISA Kit | IL-17RD elisa kit

Human IL-17RD PicoKine ELISA Kit

CATALOG #
AAA125290

REACTIVITY
Human

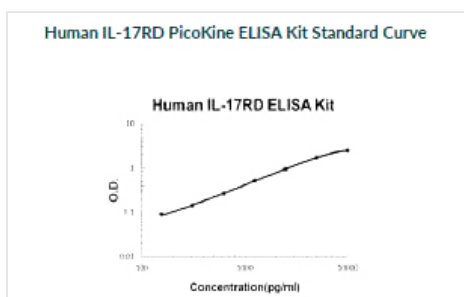
PRODUCT SYNONYMS

IL-17RD; Human IL-17RD PicoKine ELISA Kit; Human IL-17RD; interleukin 17 receptor D; Interleukin-17 receptor D; IL-17 receptor D; IL17Rhom; Interleukin-17 receptor-like protein; Sef homolog; hSef; IL17RD; IL17RLM; SEF; UNQ6115; PRO20026; IL-17RD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL17RD
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/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 across 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-17RD elisa kit	Principle of the Assay: The Picokine™ Human IL17RD Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL17RD with a 96-well strip plate that is pre-coated with antibody specific for IL17RD. The detection antibody is a biotinylated antibody specific for IL17RD. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human IL17RD with immunogen: Expression system for standard: NSO, Immunogen sequence: C17-R299. The kit is analytically validated with ready to use reagents. To measure Human IL17RD, 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 proportional to Human IL17RD 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 IL17RD in the sample.!!Background/Introduction: Interleukin 17 receptor D is a protein that in humans is encoded by the IL17RD gene. It is mapped to 3p14.3. This gene encodes a membrane protein belonging to the interleukin-17 receptor (IL-17R) protein family. The encoded protein is a component of the interleukin-17 receptor signaling complex, and the interaction between this protein and IL-17R does not require the interleukin. The gene product also affects fibroblast growth factor signaling, inhibiting or stimulating growth through MAPK/ERK signaling. Alternate splicing generates multiple transcript variants encoding distinct isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124494234
NCBI GeneID	54756
UniProt Accession #	Q8NFM7
NCBI Official Synonym Full Names	interleukin 17 receptor D
NCBI Official Symbol	IL17RD
NCBI Official Synonym Symbols	SEF; HH18; IL-17RD; IL17RLM
NCBI Protein Information	interleukin-17 receptor D
UniProt Protein Name	Interleukin-17 receptor D
UniProt Gene Name	IL17RD
UniProt Synonym Gene Names	IL17RLM; SEF; IL-17 receptor D; IL-17RD; hSef
UniProt Entry Name	I17RD_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.