

Human IL-17RA ELISA Kit | IL17RA elisa kit

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CATALOG #
AAA263054

REACTIVITY
Human

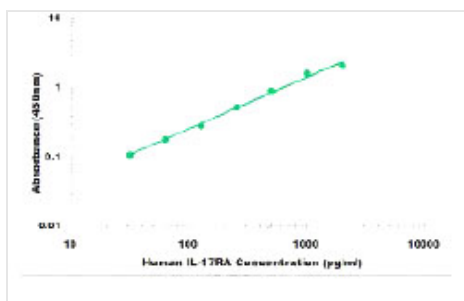
PRODUCT SYNONYMS

IL-17RA; Human IL-17RA ELISA Kit; IL17R; Interleukin-17 receptor A; IL-17 receptor A; CDw217; CD217; IL17RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-17RA ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-17RA proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	832
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17RA elisa kit	Principle of the Assay: The Human IL-17RA ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-17RA in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human IL-17RA coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-17RA present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-17RA antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-17RA bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Interleukin 17 receptor A, also known as IL17RA and CDw217 (cluster of differentiation w217), is a human gene. The IL17R gene is mapped to 22q11.22-q11.23 by radiation hybrid analysis. Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The protein encoded by this gene is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Also, it is showed that mouse Il17r bound HSV-13 and mouse Il17. Recombinant soluble Il17r inhibited mitogen-induced T-cell proliferation and Il2 production.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	583966138
NCBI GeneID	23765
NCBI Accession #	NP_001276834.1
NCBI GenBank Nucleotide #	NM_001289905.1
UniProt Accession #	Q96F46; O43844; Q20WK1
Molecular Weight	92,153 Da
NCBI Official Full Name	interleukin-17 receptor A isoform 2
NCBI Official Synonym Full Names	interleukin 17 receptor A
NCBI Official Symbol	IL17RA
NCBI Official Synonym Symbols	CD217; IL17R; IMD51; CANDF5; CDw217; IL-17RA; hIL-17R
NCBI Protein Information	interleukin-17 receptor A
UniProt Protein Name	Interleukin-17 receptor A
UniProt Gene Name	IL17RA
UniProt Synonym Gene Names	IL17R; IL-17 receptor A; IL-17RA
UniProt Entry Name	I17RA_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.