

Human Interleukin 17 Receptor A (IL17RA) ELISA Kit | IL17RA elisa kit

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CATALOG #
AAA184908

REACTIVITY
Human

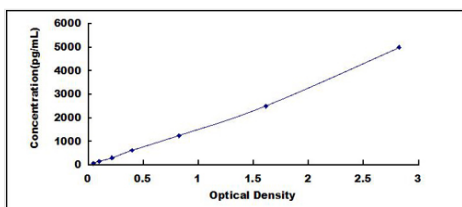
PRODUCT SYNONYMS

Interleukin 17 Receptor A (IL17RA); Human Interleukin 17 Receptor A (IL17RA) ELISA Kit; CDw217; CD217; IL17R-A; IL17-RA; IL17R; HIL-17R; IL17RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17 Receptor A (IL17RA). No significant cross-reactivity or interference between Interleukin 17 Receptor A (IL17RA) and analogues was observed.
Sequence Length	832
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	78-5000pg/mL
Sensitivity	< 30pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interleukin 17 Receptor A (IL17RA) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 17 Receptor A (IL17RA) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17RA elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interleukin 17 Receptor A (IL17RA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interleukin 17 Receptor A (IL17RA). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Interleukin 17 Receptor A (IL17RA), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Interleukin 17 Receptor A (IL17RA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23238208
NCBI GeneID	23765
NCBI Accession #	NP_055154.3
NCBI GenBank Nucleotide #	NM_014339.6
UniProt Accession #	Q96F46; O43844; Q20WK1
Molecular Weight	92,153 Da
NCBI Official Full Name	interleukin-17 receptor A isoform 1
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

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://stage.aaabiotech.com/human-elisa-kits/interleukin-17-receptor-a-il17ra/184908>