

Mouse IL-17A ELISA Kit | IL-17A elisa kit

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CATALOG #
AAA281323

REACTIVITY
Mouse

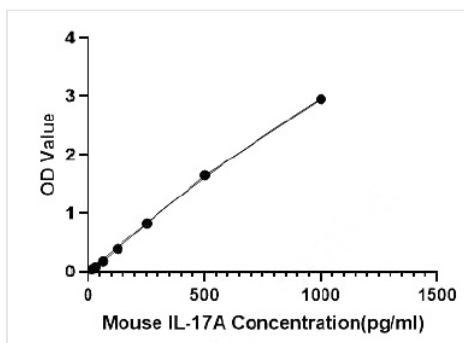
PRODUCT SYNONYMS

IL-17A; Mouse IL-17A ELISA Kit; IL-17A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes both recombinant and natural mouse IL-17A. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity. No significant cross-reactivity was observed with the following: Recombinant mouse: Recombinant human: CSF IL-17 GM-CSF IL-1alpha IL-1beta IL-2 IL-3 IL-4 IL-5 IL-6 IL-7 IL-9 IL-10 IL-12 LIF Leptin TNF-alpha VEGF Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between IL-17A and all the analogues, therefore, cross reaction may still exist.
Sequence Length	155
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	< 4.1pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IL-17A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level IL-17A were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-17A elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-17A in mouse serum, plasma, cell culture supernatants, cell lysates, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse IL-17A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-17A present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for IL-17A is added to the wells and binds to the combination of capture antibody IL-17A in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of IL-17A bound in the initial step. The color development is stopped and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
NCBI GenBank Nucleotide #	NM_002190.3
UniProt Accession #	Q16552; Q5T2P0
Molecular Weight	17,504 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; CTLA-8; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8

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/mouse-elisa-kits/il-17a/281323>