

Chicken Interleukin 17 (IL17) ELISA Kit | IL17 elisa kit

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CATALOG #
AAA147195

REACTIVITY
Chicken

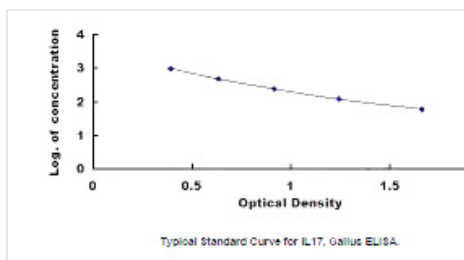
PRODUCT SYNONYMS

Interleukin 17 (IL17); Chicken Interleukin 17 (IL17) ELISA Kit; IL17A; CTLA8; IL-17A; Cytotoxic T-Lymphocyte-Associated Protein 8; IL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17 (IL17). No significant cross-reactivity or interference between Interleukin 17 (IL17) and analogues was observed.
Sequence Length	169
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	62.5-1,000pg/mL
Sensitivity	26.6pg/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 (IL17) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 17 (IL17) 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 IL17 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Interleukin 17 (IL17) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Interleukin 17 (IL17) and unlabeled Interleukin 17 (IL17) (Standards or samples) with the pre-coated antibody specific to Interleukin 17 (IL17). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Interleukin 17 (IL17) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Interleukin 17 (IL17) in the sample.
Product Categories/Family for IL17 elisa kit	Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	45383241
NCBI GeneID	395111
NCBI Accession #	NP_989791.1
NCBI GenBank Nucleotide #	NM_204460.1
UniProt Accession #	Q7T1P7
Molecular Weight	18,942 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; IL-17; IL-17F; ChIL-17; interleukin-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin 17
UniProt Gene Name	IL-17

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/chicken-elisa-kits/interleukin-17-il17/147195>