

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

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CATALOG #
AAA140516

REACTIVITY
Sheep

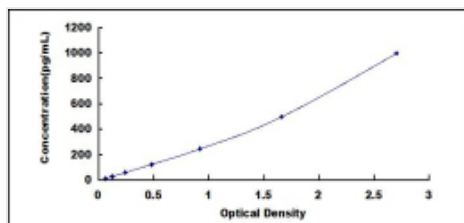
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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	9
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	5.8pg/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	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 (IL17). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interleukin 17 (IL17). 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 (IL17), 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 (IL17) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for IL17 elisa kit	Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	55139064
NCBI GeneID	3605
Molecular Weight	933 Da
NCBI Official Full Name	interleukin-17, partial
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17
UniProt Gene Name	IL17
UniProt Entry Name	Q5QEX9_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.

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Online datasheet: <https://www.aaabiotech.com/sheep-elisa-kits/interleukin-17-il17/140516>