

Rat Interleukin-17 ELISA Kit | IL-17 elisa kit

Rat Interleukin-17 ELISA Kit

CATALOG #
AAA100241

REACTIVITY
Rat

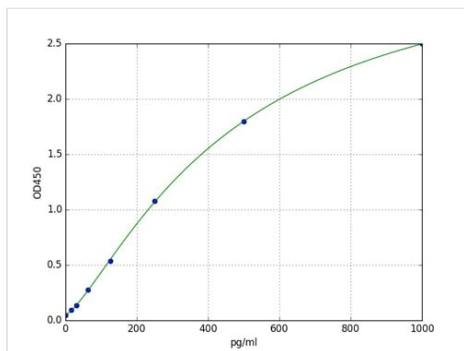
PRODUCT SYNONYMS

Interleukin-17; Rat Interleukin-17 ELISA Kit; IL-17 (Interleukin 17)/CTLA-8/IL17A/IL-17CTLA-8/IL17interleukin-17A/interleukin 17A; IL-17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	9
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat IL-17 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.059	0.135	0.216	0.352	0.647	1.150	1.671	2.223

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-17 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat IL-17 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat IL-17 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat IL-17 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat IL-17 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

55139064

NCBI GeneID	3605
Molecular Weight	17,504 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; 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
UniProt Entry Name	IL17_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://stage.aaabiotech.com/il-17-rat-elisa-kits/interleukin-17/100241>