

## ARG82295 Mouse IL17 / IL17A (High sensitive) ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG82295 Mouse IL17 / IL17A (High sensitive) ELISA Kit is a high sensitive Enzyme Immunoassay kit for the quantification of Mouse IL17 / IL17A in serum, plasma and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	Not react with recombinant Mouse IL1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 17B, 17C, 17E, 17F, IFN gamma, TNF, TGF, MCP-1, ANG, AR, CNTF, EGF, Epo, VEGF and OSM.
Target Name	IL17 / IL17A
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.78 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	1.56 - 100 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 8.5% Inter-Assay CV: less than 8.5%
Alternate Names	IL-17A; Interleukin-17A; IL-17; CTLA8; IL17; CTLA-8; Cytotoxic T-lymphocyte-associated antigen 8

### Application Instructions

Assay Time	~ 3.5 hours
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### Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

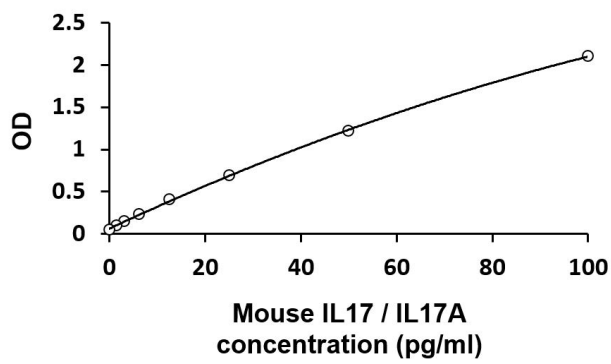
Gene Symbol	IL17A
Gene Full Name	interleukin 17A
Background	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic

inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008]

Function	Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. [UniProt]
Highlight	Related products: <a href="#">IL17 antibodies</a> ; <a href="#">IL17 ELISA Kits</a> ; <a href="#">IL17 recombinant proteins</a> ; Related news: <a href="#">HMGB1, a biomarker and therapeutic target in COVID-19</a> New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
PTM	Found both in glycosylated and nonglycosylated forms. [UniProt]
Cellular Localization	Secreted. [UniProt]

## Images

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ARG82295 Mouse IL17 / IL17A (High sensitive) ELISA Kit standard curve image

ARG82295 Mouse IL17 / IL17A (High sensitive) ELISA Kit results of a typical standard run with optical density reading at 450 nm.