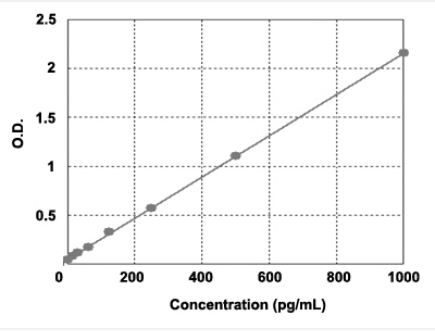
IL17A (Human) ELISA Kit

Catalog # KA3073 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	IL17A (Human) ELISA Kit is intended for the quantitative measurement of human IL17A.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, or at -20°C for 12 months.

Applications

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- Quantification

Gene Info — IL17A

Entrez GeneID	3605
Gene Name	IL17A
Gene Alias	CTLA8, IL-17, IL-17A, IL17
Gene Description	interleukin 17A
Omim ID	603149
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. Thi s cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cyto kine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhan ce the production of nitric oxide (NO). High levels of this cytokine are associated with several chro nic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provid ed by RefSeq
Other Designations	OTTHUMP00000016597|cytotoxic T-lymphocyte-associated antigen 8|cytotoxic T-lymphocyte-as sociated protein 8|cytotoxic T-lymphocyte-associated serine esterase 8|interleukin 17 (cytotoxic T -lymphocyte-associated serine esterase 8)

Publication Reference

- Diagnostic Evaluation Using Salivary Gland Ultrasonography in Primary Sjögren's Syndrome.

  Yen-Fu Chen, Ao-Ho Hsieh, Yao-Fan Fang, Chang-Fu Kuo.

  Journal of Clinical Medicine 2023 Mar; 12(6):2428.

  Application : Quant, Human, Human serum

Pathway

- Cytokine-cytokine receptor interaction

Disease

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- Arthritis
- Asthma
- Breast Neoplasms
- Bronchiolitis
- Colitis
- Disease Progression
- Dyspepsia
- Genetic Predisposition to Disease
- Helicobacter Infections
- Infant
- Inflammation
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms
- Tobacco Use Disorder

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