

IL-17A/F (Human) ELISpot Kit

Catalog # KA3917

Size 1 Kit

Specification

Product Description	IL-17A/F (Human) ELISpot Kit is a sandwich enzyme-based immunospot assay for the quantitative measurement of human IL-17A/F.
Suitable Sample	Cell
Sample Volume	100 μ L
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	26.7%
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- 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. 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]
Other Designations	OTTHUMP00000016597 cytotoxic T-lymphocyte-associated antigen 8 cytotoxic T-lymphocyte-associated protein 8 cytotoxic T-lymphocyte-associated serine esterase 8 interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)

Gene Info — IL17F

Entrez GeneID	112744
Gene Name	IL17F
Gene Alias	IL-17F, ML-1, ML1
Gene Description	interleukin 17F
Omim ID	606496
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq]
Other Designations	cytokine ML-1

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Arthritis](#)
- [Arthritis](#)
- [Asthma](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyspepsia](#)
- [Dyspepsia](#)
- [Edema](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Helicobacter Infections](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)

- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stomach Neoplasms](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)