

ARG82970 Human IL17F ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82970 Human IL17F ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL17F in serum, plasma, cell culture supernatant samples.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross-Reactivity: Not reacts with Human IL2, IL4, IL6, IL8, IL10, IL17A, IL17E; Mouse IL2, IL4, IL6, IL10, TNF beta, IL17F; Pig IL17F
Target Name	IL17F
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	31.25 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Interleukin-17F; IL-17F; CANDF6; ML-1; ML1; Cytokine ML-1

Application Instructions

Assay Time	~ 4 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	IL17F
Gene Full Name	interleukin 17F
Background	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, Jul 2008]

Function

Stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony-stimulating factor, and can regulate cartilage matrix turnover. Stimulates PBMC and T-cell proliferation. Inhibits angiogenesis. [UniProt]

Highlight

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