

ARG81817 Rat IL17F ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81817-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81817-002	Standard	2 X 10 ng/vial	4°C
ARG81817-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81817-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81817-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81817-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81817-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81817-008	25X Wash buffer	20 ml	4°C
ARG81817-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81817-010	STOP solution	10 ml (Ready to use)	4°C
ARG81817-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81817 Rat IL17F ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat IL17F in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL17F
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.2%; Inter-Assay CV: 6.5%
Alternate Names	Interleukin-17F; IL-17F; CANDF6; ML-1; ML1; Cytokine ML-1

Application Instructions

Assay Time	~ 5 hours
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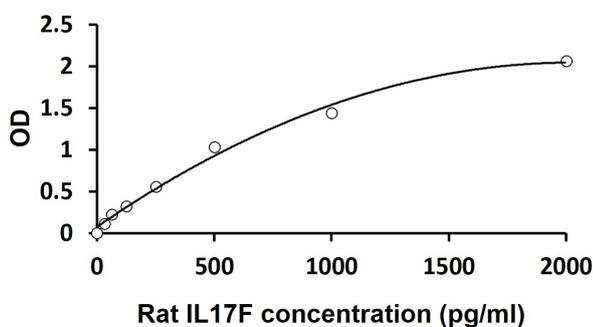
Properties

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	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	Related products: IL17 antibodies ; IL17 ELISA Kits ; IL17 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81817 Rat IL17F ELISA Kit standard curve image

ARG81817 Rat IL17F ELISA Kit results of a typical standard run with optical density reading at 450 nm.