

ARG81834 Mouse IL17RC ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81834-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81834-002	Standard	2 X 10 ng/vial	4°C
ARG81834-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81834-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81834-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81834-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81834-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81834-008	25X Wash buffer	20 ml	4°C
ARG81834-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81834-010	STOP solution	10 ml (Ready to use)	4°C
ARG81834-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81834 Mouse IL17RC ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL17RC in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL17RC
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.5%; Inter-Assay CV: 6.2%
Alternate Names	IL-17 receptor C; Interleukin-17 receptor-like protein; IL-17RC; IL17-RL; ZcytoR14; IL-17RL; IL17Rhom; CANDF9; Interleukin-17 receptor homolog; Interleukin-17 receptor C; IL17RL

Application Instructions

Assay Time	~ 5 hours
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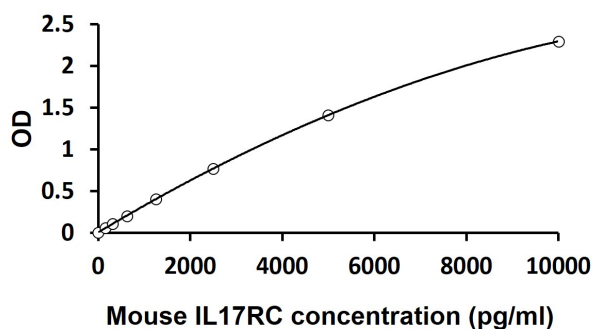
Properties

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	IL17RC
Gene Full Name	interleukin 17 receptor C
Background	This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011]
Highlight	Related products: IL17R antibodies: IL17R ELISA Kits: New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81834 Mouse IL17RC ELISA Kit standard curve image

ARG81834 Mouse IL17RC ELISA Kit results of a typical standard run with optical density reading at 450 nm.