

ARG81456 Human IL17RA ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81456-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81456-002	Standard	2 X 10 ng/vial	4°C
ARG81456-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81456-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81456-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81456-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81456-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81456-008	25X Wash buffer	20 ml	4°C
ARG81456-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81456-010	STOP solution	10 ml (Ready to use)	4°C
ARG81456-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81456 Human IL17RA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL17RA in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL17RA
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: 7.4% Inter-Assay CV: 8.2%
Alternate Names	Interleukin-17 receptor A; IL-17RA; IL-17 receptor A; hIL-17R; CANDF5; CDw217; IL17R; CD217; CD antigen CD217

Application Instructions

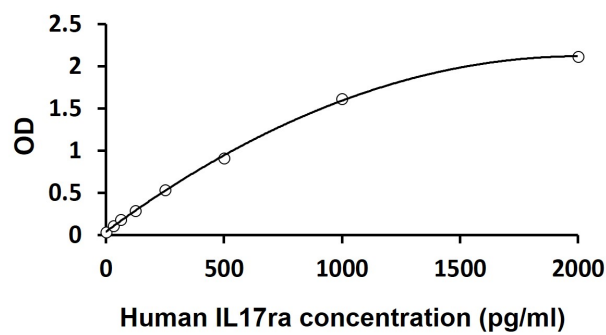
Assay Time	~ 5 hours
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Properties

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	IL17RA
Gene Full Name	interleukin 17 receptor A
Background	Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2014]
Function	Receptor for IL17A, IL17F and, in dimer with IL17RE, for IL17C. Binds its IL17A ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling. [UniProt]
Highlight	Related products: IL17R antibodies ; IL17R ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Glycosylated. [UniProt]



ARG81456 Human IL17RA ELISA Kit standard curve image

ARG81456 Human IL17RA ELISA Kit results of a typical standard run with optical density reading at 450 nm.