

ARG80193 Human IL1RA ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80193-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80193-002	Standard (Lyophilized)	2 X 3 ng/vial	4°C
ARG80193-003	Standard diluent buffer	20 ml	4°C
ARG80193-004	Antibody conjugate concentrate	400 µl	4°C
ARG80193-005	Antibody diluent buffer	16 ml	4°C
ARG80193-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80193-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80193-008	20X Wash buffer	50 ml	4°C
ARG80193-009	TMB substrate	12ml	4°C (Protect from light)
ARG80193-010	STOP solution	12ml	4°C
ARG80193-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80193 Human IL1RA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL1RA in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IL-1 alpha, IL-1 beta, IL-1 RII mouse IL-1 alpha, IL-1 beta, IL-1ra porcine IL-1 alpha, IL-1 beta rat IL-1 alpha, IL-1 beta
Target Name	IL1RA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	24 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	46.9 - 3000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	IL1 inhibitor; Interleukin-1 receptor antagonist protein; ICIL-1RA; MVCD4; IL1RA; DIRA; IL-1RN; Anakinra; IL1F3; IRAP; IL-1ra; IL-1ra3

Application Instructions

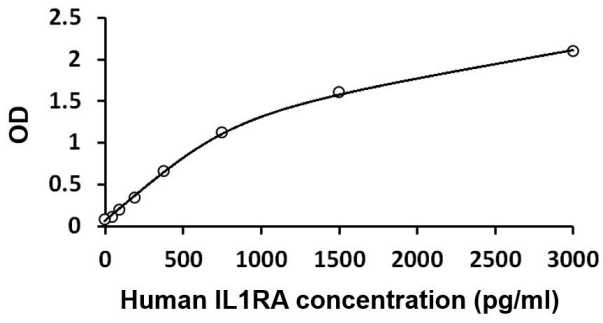
Assay Time	4 hours
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Properties

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

Database links	GeneID: 3557 Human Swiss-port # P18510 Human
Gene Symbol	IL1RN
Gene Full Name	interleukin 1 receptor antagonist
Background	The interleukin-1 receptor antagonist (IL-1RA) is a protein that in humans is encoded by the IL1RN gene. IL-1RA was initially called the IL-1 inhibitor and was discovered separately in 1984 by two independent laboratories. IL-1RA, is an agent that binds non-productively to the cell surface interleukin-1 receptor (IL-1R). IL-1R is the same receptor that binds interleukin 1 (IL-1). Hence IL-1RA prevents IL-1 from sending a signal to that cell.
Highlight	Related products: IL1RA antibodies ; IL1RA ELISA Kits ; IL1RA recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Immune System kit



ARG80193 Human IL1RA ELISA Kit standard curve image

ARG80193 Human IL1RA ELISA Kit results of a typical standard run with optical density reading at 450 nm.