

ARG80230 Mouse IL33R / ST2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80230-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80230-002	Standard (Lyophilized)	2 X 10 ng/vial	4°C
ARG80230-003	Standard diluent buffer	20 ml	4°C
ARG80230-004	Antibody conjugate concentrate	400 µl	4°C
ARG80230-005	Antibody diluent buffer	16 ml	4°C
ARG80230-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80230-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80230-008	20X Wash buffer	50 ml	4°C
ARG80230-009	TMB substrate	12ml	4°C (Protect from light)
ARG80230-010	STOP solution	12ml	4°C
ARG80230-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80230 Mouse IL33R / ST2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL33R / ST2 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Mouse TLR-1,2,3,4,5,6, 7,8,12, IL-1 alpha,1 beta,IL-1 ra, IL-1 R1, IL-1 R2, IL-1 RAPL2/IL-1 R9
Target Name	IL33R / ST2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.2 ng/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	0.313 - 20 ng/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	IL33R; DER4; ST2V; T1; Interleukin-1 receptor-like 1; FIT-1; ST2; ST2L; Protein ST2

Application Instructions

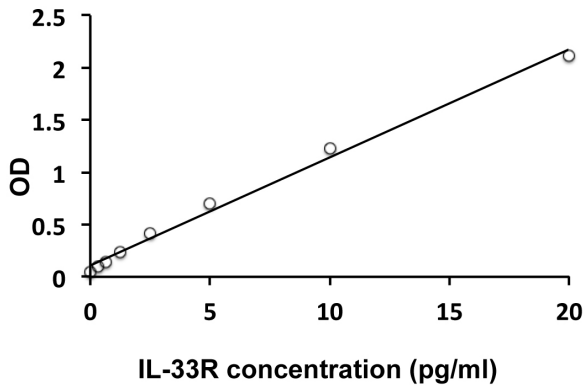
Assay Time	4 hours
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Properties

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: 17082 Mouse Swiss-port # P14719 Mouse
Gene Symbol	Il1rl1
Gene Full Name	interleukin 1 receptor-like 1
Background	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq]
Highlight	Related products: IL33R antibodies ; IL33R ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cell Biology and Cellular Response kit; Immune System kit



ARG80230 Mouse IL33R / ST2 ELISA Kit standard curve image

ARG80230 Mouse IL33R / ST2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.